Periodical
DETROIT PUB. LIBRARY
5201 WOODWARD AVE
DETROIT 2 MICH
PUBLIC LIBRARY
FEB 11 1946
DETROIT

BUY U. S. SAVINGS BONDS

WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

Aptitude tests, at the Veterans Administration Guidance Centers, help former service men pick future lines of work. At left, Arnold Carstensen, who farmed in Clinton county, Iowa, before he went in the service, takes one of the tests. Below, ex-service men stand by the entrance to the Guidance Center at Iowa State College.

What Shall Joe Do?

SUPPOSE you were just out of the army, hadn't had much of a job before the war, and no notion of what kind of work to try.

What would you do?

The old man might tell you that farming was the right thing, but you might not be sure he knew what he was talking about.

Your girl might have another suggestion. But would she know?

Thousands of farm boys, fresh from the service, are pretty sure they want to farm. Thousands more don't know.

What is the best move for the veteran who can't make up his mind?

Let him sit down and write a letter to his nearest Veterans Administration office (Des Moines for Iowa, Lincoln for Nebraska, St. Paul for Minnesota, St. Louis or Kansas City for Missouri) and ask for Form 1950.

This Form 1950 is an application for schooling at government expense.

But many a young fellow will say: "I don't want to go to school. I just want to get a better notion of what kind of a job to look for."

Brother, this is just the old red-tape. You apply for schooling. Then VA tells you to report to a Guidance Center, for aptitude tests.

That's what you're really after. Aptitude tests may direct you to school or job. You don't have to take the schooling. But you do want the aptitude tests.

Just what are these aptitude tests? For a good many years, psychologists have been working to perfect these tests, which give a man an idea of what kind of work he's good for.

There are testing departments at the different state schools. Now the VA has hooked up with testing bureaus at Iowa State College, University of Iowa, Iowa Teachers College and others.

After a veteran has filled out Form 1950 and received notice of assignment to a particular Guidance Center, he reports to one of these schools.

Maybe he thinks he wants to be an engineer. Maybe he wants to be a barber. Maybe he wants to be a garage mechanic. Maybe he wants to farm.

Maybe he just wants some evidence as to what he is good for.

These tests help him save time and energy. He might work six months on a job and find he didn't fit in. The tests may tell him at once that this isn't his job.

No test, of course, can say to a man: "You should be a purebred hog raiser in Calhoun county, Iowa, and specialize in Hampshires."

(Continued on page 31)

FEBRUARY 2, 1946

IOWA'S LEADING FARM NEWSPAPER

Firestone

GROUND GRIPS

★ CLEAN BETTER

★ PULL BETTER

★ LAST LONGER

Because they take a

"CENTER BITE"

AS AN alert farmer, you want tractor tires that clean properly, pull efficiently, and give dependable service. These are exactly the features that have maintained the high popularity of Firestone Ground Grips. Being the only tractor tires that take a "Center Bite," they clean better, pull better and last longer.

The "Center Bite" of Firestone Ground Grips will give your tractor up to 16% more pull at the drawbar. The patented connected traction bar tread design adds extra tread bar length right in the heart of the pulling zone. At the same time, it eliminates the broken-bar, trash-catching pockets found on ordinary tires. Connected traction bars are stronger, too, because they're triple-braced.

It is these features, plus 40% longer tread life and 14% stronger cord bodies, that keep Firestone Ground Grips first in farm preference. You will find them time savers . . . and dollar savers . . . on your farm.

**Area in white shows the "Center Bite" traction zone, not found in other tires because of Firestone's exclusive patent rights.*

FIRESTONE PUT THE FARM ON RUBBER

For the best in music, listen to the "Voice of Firestone" every Monday evening over NBC network.

Copyright, 1946, The Firestone Tire & Rubber Co.

DeKalb

82.34 BUSHELS per ACRE!

Average Yield in 1945 Corn Growing Contest

a Great Yielder!

The near-record corn crop of 1945 proved once again, as in 1944, the skill of America's farmers and the superiority of hybrid corn in overcoming severe weather handicaps. And DeKalb hybrids, in the hands of such men, once again made a significant contribution. Nearly 6,000 farmers in 19 states and Canada entered the 1945 National DeKalb Corn Growing Contest . . . and *in spite* of the late planting and cool growing conditions, they achieved the high *overall* certified AVERAGE yield of 82.34 bushels per acre. This high average is definite proof of the wide adaptability and dependable performance of DeKalb hybrids. Let DeKalb, America's largest selling hybrid corn, help you increase your farm income.

(*Map shows state contestants' average yields per acre.*)

Here's the 1945 DeKalb Corn Champ

The National Championship honor for 1945 goes to Mt. Airy Farm, Shenandoah County, Virginia, with a yield of 142.61 bushels of DeKalb per acre. Mr. W. W. Middleton, Farm Manager, made this excellent record with DeKalb variety 847.

STATE WINNERS IN DEKALB'S 1945 CORN GROWING CONTEST

Name	*State*	*Yield per Acre.*
LaVern McClure	Colorado	124.65
Elwood Godwin	Delaware	122.72
C. E. Courter	Illinois	138.15
Ellis Shafer	Indiana	140.32
Frank Craig & Son	Iowa	132.73
Edw. J. Knedlik	Kansas	133.04
Griffith Bros.	Kentucky	140.65
E. E. Billings	Maryland	130.94
Rudolph Boss	Michigan	121.91
William S. Russell	Minnesota	92.97
Ora A. Booth	Missouri	115.64
Clyde F. Hunzeker	Nebraska	126.70
Erwin Everman	New York	95.31
Walter Clarey	No. Dakota	62.17
Emerson Bailar	Ohio	131.48
J. E. Quesenberry	Penn.	124.42
Carl Paulson	So. Dakota	109.52
Mt. Airy Farm	Virginia	142.61
George McKay	Wisconsin	127.89

Map shows certified average yield of state contestants in the 1945 contest.

DEKALB AGRICULTURAL ASSOCIATION, INC., DEKALB, ILL.

DEKALB HYBRID CORN

WALLACES' FARMER AND IOWA HOMESTEAD. February 2, 1946 (Volume 71, No. 3). Published first and third Saturdays of each month, by the James M. Pierce Corporation, Des Moines, Iowa. Subscription Price, two years for One Dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1946, by the James M. Pierce Corporation.

This is what Life Insurance can do—

Of themselves neither stock, nor crops, nor land itself offer security. All are subject to drought, floods, fire and other emergencies beyond your control. All depend for much of their value on you. You are the directing force behind the operation and development of your farm. That's why life insurance can do for you what no other savings or investment program can. Through it you can arm yourself against economic changes, depression years and the loss of income that may come to even the ablest of men. It will help you pay taxes, liquidate mortgages, keep your family together on your farm. For almost 50 years we have specialized in helping farmers to the security that comes from continuous, prosperous ownership of productive land. We can do the same for you. Mail the coupon below for information on our plan for protecting the farm family.

Central Life Assurance Society

(Mutual) Des Moines 6, Iowa

MAIL THIS COUPON TODAY!

CENTRAL LIFE ASSURANCE SOCIETY (Mutual) 2A
DES MOINES 6, IOWA

Gentlemen: Please send me information on how Life Insurance can protect my family and my farm.

Name _____ Age _____

Address _____

City _____ State _____

Workday Pointers

Helpful Suggestions for Farmers

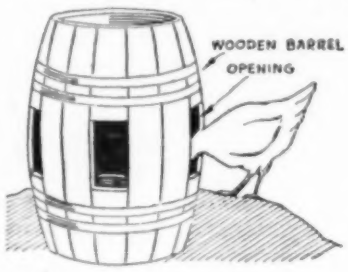
BUY FRUIT TREES early, while there are many varieties to select from.

▲ ▲ ▲

IN BUYING POSTS of wood, look at the proportion of sapwood to heart-wood. It is the size of the heart that counts.

▲ ▲ ▲

WOODEN BARRELS make satisfactory chicken waterers for Mrs. Henry Ludeke, Cerro Gordo county, Iowa. Cut out a section of every third stave with an auger and keyhole saw, about 12 inches above the bottom. Bank it up so



the chickens can drink easily. For hen houses with running water, a pipe and float can be installed. For small flocks, the barrel can be filled up to the holes once a day. The water stays clean because the chickens can't get into the barrel.

▲ ▲ ▲

FENCE POSTS made on the farm should be peeled when cut. Pile them in a shady place where the wind strikes freely, for rapid seasoning.

▲ ▲ ▲

CRUSHED corn cobs are giving satisfaction as poultry litter on some farms. Run enough cobs thru a hammer mill to make several inches in depth all over the floor. Add more as the cobs get wet or soiled.

▲ ▲ ▲

YOUR SPRING PIG crop should fit feed supplies this year. If your sound corn and the 1946 oat crop will not feed the usual number of spring pigs, shift to summer or fall pigs. Don't count on buying corn next summer.

▲ ▲ ▲

AGED BULLS will be better breeders if they have a pen 30 feet square, or one containing about 1,000 square feet. Feed grain and hay. Silage tends to make bulls slow and inactive, according to Purdue University dairymen.

▲ ▲ ▲

BEST BEDDING for hogs is the kind that resists dust and moisture. Corn stover and wheat straw rank first among the old standbys. Some like ground corn cobs. Oat straw can be used, but soybean straw, threshed clover or spoiled hay are not good for hog bedding.

▲ ▲ ▲

ALKALI SPOTS are formed when the water rises to the surface and evaporates, leaving a deposit of sodium salts. Good tile drainage is the first preventive to be used. A farming method that adds organic matter to the soil and makes absorption better will help. A fertilizer high in potash is also beneficial.

ROOSTS in the hen house should be as far from ventilation openings as possible.

▲ ▲ ▲

WATCH BRED SOWS for signs of coming in heat. Mark any suspected sow and check again in three weeks.

▲ ▲ ▲

GILTS to raise spring pigs don't belong in the fattening yard, even if the fattening hogs are getting a balanced ration.

▲ ▲ ▲

CURE PORK with the temperature at 36 to 40 degrees. Higher temperatures increase the chance of spoilage; lower temperatures slow down salt penetration.

▲ ▲ ▲

COWS WATERED inside the barn in winter drank 18 per cent more water, produced 3½ per cent more milk and 10½ per cent more butterfat, in an Iowa experiment station test.

▲ ▲ ▲

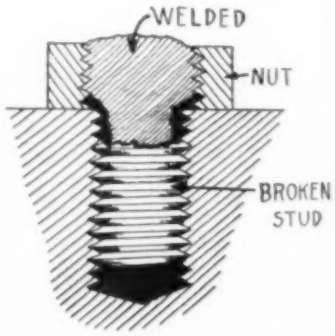
A 100-BUSHEL CROP of corn requires about 150 pounds of nitrogen, 25 pounds of phosphorus and 75 pounds of potassium per acre, delivered into the corn plants.

▲ ▲ ▲

SWEET CLOVER hay should not be fed to cattle during the month before they are to be dehorned, says Dr. K. W. Stouder, of Iowa State College. Excessive bleeding from wounds seems to follow feeding on sweet clover.

▲ ▲ ▲

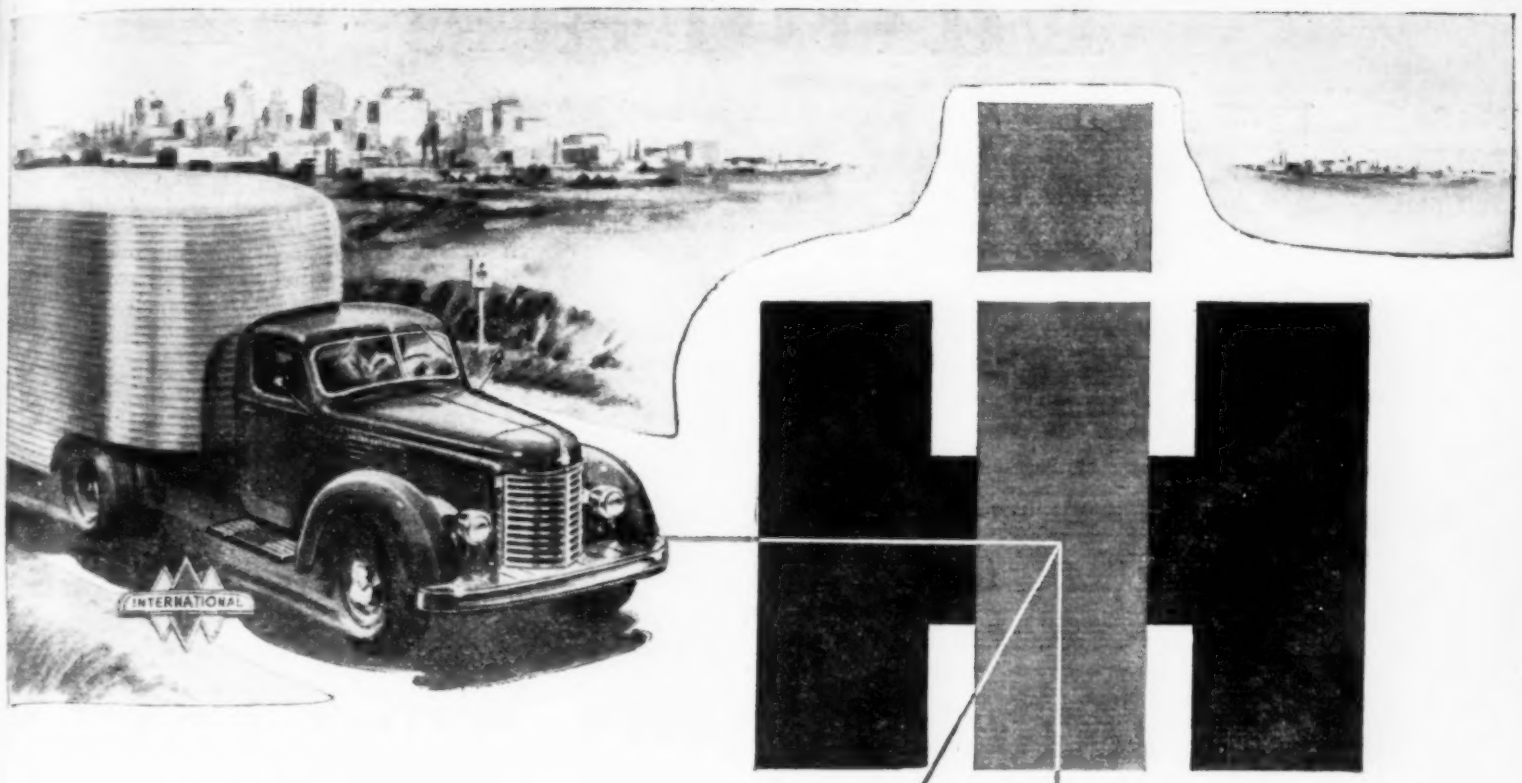
BROKEN STUDS can be removed without drilling and chipping if you have a welding outfit on the farm. As shown in the sketch, place an amply large nut over the broken stud bolt. Then build up



the stud by welding onto it, and finally weld to the nut placed over the stud. When the broken stud and the nut become one solid piece, almost any kind of wrench will take the broken part out. The heat of the welding process will help to loosen the threads.

▲ ▲ ▲

ALFALFA SEED imported from Canada is all right for the corn belt. But don't buy any other imported alfalfa seed—European and Argentine varieties are not adapted to conditions here. Canadian seed is dyed 1 per cent violet by government order. Seed from all other countries is dyed 1 per cent green or 10 per cent red. If dyed 10 per cent red, the Department of Agriculture has declared the seed to be of unknown origin or not adapted for general use in this country.



Product of INTERNATIONAL HARVESTER

- An old and honored name.
- A 115-year record in American agriculture and industry. A pioneer history that began with Cyrus McCormick and the Invention of the Reaper in 1831.
- A new symbol of resolution and purpose—the red letter "I" on the black letter "H".
- A renewed determination to build products of lasting quality—to build machines that are essential in the American plan to make a better America.

These things are *International Harvester*.

THE PRODUCTS that Harvester builds in its twenty-one manufacturing plants—the International Farm Tractors and Equipment, the International Trucks, the International Industrial Tractors and Engines—are working today in every community in the land.

And to us the important fact is not that we build them, but that their millions of owners speak highly of them. Not that the International dealers sell them, but that, on the job, they serve just about everybody, everywhere. On the farm and in the city they serve *you, the reader of these words.*

Harvester has seen America grow—has helped immeasurably in its development. Harvester will help in greater measure in the new era that lies ahead for agriculture and industry.

Count on International Harvester and the International Dealers who sell and service "IH" products from coast to coast.

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois

Good Listening! "Harvest of Stars" Every Sunday. NBC Network

Editorials

Not So Bad, But Not So Good

IN THE midst of the uproar over strikes and inflation, farmers may need to remember some hopeful facts about 1946.

Estimates on 1946 national income have gone up. The nation may have a 1946 income of 150 billion dollars.

After V-J Day, most estimates were for 130 billion.

Reconversion has gone faster in many lines than anybody figured. Unemployment is much lower than was expected six months ago.

The troubles we are having are a lot like those of 1919 and 1920. Many of them have come because we have forgotten what happened in 1919 and 1920.

President Truman, when he abolished the War Labor Board, was too hopeful about industrial peace. He has been too hopeful since in failing to anticipate trouble, in moving too slowly to meet it.

Federal seizure of packing plants is better than letting stock back up and scarce feed be consumed. But nobody—and this includes the administration, labor and the packers—likes this kind of solution.

There's nothing wrong with the state of the nation that a little forethought and planning won't cure. But next time, let's not wait till the horse is half-way out of the stable before we think about locking the door.

What's Farm Wife's Share Of Cash?

"MY HUSBAND sells corn and hogs and won't tell me what he does with the money," a farm woman writes. "I have to make egg money pay for groceries and anything I get for the house."

What to do? The lady doesn't want to leave home and hire out as a housekeeper. She could really have some money of her own then.

She'd like to get her share of the farm's income. But what is a farm wife's share? And how does she collect it?

To Bring Your Soldier Back Home

IS YOUR soldier still overseas? And are you mad about it? And is he? Yet if we bring back all the troops abroad, what happens to the prospects for a long peace?

We can lose a war after the shooting stops. We may lose this one yet if we don't leave occupation forces in Germany and in Japan.

Where do you get the new men needed to keep effective armies abroad? Extend the draft act? Pass the compulsory military training bill? Build up a volunteer army?

Extending the draft act is a last resort. Most folks think we should try other methods first.

Enacting a compulsory military training bill won't help at all. Under the bill now before congress, these men would be trainees, not soldiers, and not eligible for foreign service.

Why not build up a volunteer army? Many young men would volunteer for two years' service overseas, if they were sure the army were going to stop pretending that officers and men are made of different clay.

Actually, nobody knows yet whether a big volunteer army can be created, because the War Department has been so taken up with other things that it has not yet drawn up plans for modernizing the service and appealing to volunteers.

Even without trying very hard, the army has picked up 400,000 volunteers in the last few months.

If General Eisenhower and his staff were permitted to turn on this problem the same energy and brains that made D-Day a success, we might have 800,000 more volunteers by July 1.

Your boy overseas could come home then, and without feeling he had left an unfinished job behind him.

War, Not Depression, Built Debt

HOW big is our governmental debt? And when did we acquire it?

At the close of the fiscal year, June 30, 1945, the federal debt was 258 billion dollars. From 1940, when unusually heavy expenditures for defense started, the debt increased 216 billions.

We have had three periods of debt increases since World War I. In the first period, from 1922 to 1933, state and local debts went up nearly 19 billion dollars.

In the second period, from 1933 to 1940, federal debt went up 23 billions.

In the third period, from 1940 to 1945, the federal debt went up 216 billions.

In terms of public debt, a war costs a lot more than a depression.

So Prices Won't Crash

EVEN with Steagall support prices of 90 per cent of parity, farm product prices may drop an average of 25 per cent from war levels.

After the Steagall period ends, three years from now, farm production may be 30 per cent or more above pre-war. Unless consumer demand is at war levels, there can be a further drop then.

As farmers look ahead and wonder, national farm policies are being reshaped. As in the winter of 1932-33, when the New Deal farm programs were taking form, so now farm leaders, economists and workers in the U. S. Department of Agriculture are trying to develop new policies that will fit the Steagall period (1946, 1947 and 1948) and the years that follow.

LEADING in this work of reviewing and recasting farm policies is Dr. T. W. Schultz, formerly of Iowa State College and now with the University of Chicago. Beginning with his "Redirecting Farm Policy" in 1943, and culminating in his just-published "Agriculture in an Unstable Economy" (McGraw-Hill, $2.75), Schultz has supplied facts and ideas of great value to agriculture in this transition period.

In the opinion of Wallaces' Farmer and Iowa Homestead, "Agriculture in an Unstable Economy" is a book which every farmer who is thinking seriously about farm programs should read.

TO KEEP consumer demand strong for farm products, says Schultz, we need full employment of highly productive labor at high wages. We need also subsidized food consumption — Food Stamps, school lunches, etc.—for those whose incomes are still low. We need a large export trade.

To keep farm production on a program of balanced abundance, we need soil conservation programs, help in shifting surplus farmers to industry and to other types of agriculture. We need also forward pricing, so that farmers can look ahead a crop year and shift their plans in accordance with demand.

To protect farmers from weather risks, we need crop insurance and feed storage.

If all these things work out perfectly, farm prices and farm income will stay high. Nothing more will have to be done.

But what if employment falls, what if exports shrink? Suppose agriculture is producing at 130 per cent of pre-war, with demand only 100 per cent of pre-war?

ONE suggestion, on the old AAA basis, is to cut farm production. Schultz calls attention to the difficulties of this and the odds against success.

From the national standpoint, Schultz says, we need to keep farm production high. In 1932, industrial production was 58 per cent of 1935-39, while farm production was 96 per cent.

The nation would have been worse off if farm production had dropped to 58 per cent, too.

What national welfare demands is continued high production in both industry and agriculture. While everything possible should be done to keep both high, the nation will be worse off if both agriculture and industry are cut down than if only one is cut down.

BUT to keep farm production high, even in an industrial slump, raises two other problems:

1. If farm prices and income drop, too, the national economy is further injured by the slump in farm buying power.

2. If farm prices and income drop, the farmer is paying heavily for the service he is giving the nation. It is vital to the nation to keep farm production up; but it is fatal to the farmer if he keeps production up without compensation.

Assuming that the nation needs full farm production, how can this be handled so that a slump in farm buying power will not increase the depresssion, and so that farmers will not be heavily penalized for performing a vital public service?

SCHULTZ suggests the device of compensatory payments.

Suppose, in 1949, after the Steagall period ends, employment is still fairly good and hogs sell for $10. Then, in 1950, 5 per cent of the nation's workers become unemployed (this might be defined, under the

Song of the Lazy Farmer

I'M LOOKIN' for some peace-time hikes in prices on account of strikes, but I don't mind that awful much 'cause we could get much worse in dutch supposin' labor got low pay and bought their groceries that-away. I like to see much factory smoke, which means us farmers won't go broke and workmen won't be on a dole and put this country in a hole, because a lot of idle men means hogs is no good in the pen. They can't eat ribs and sauer kraut or drink much milk or cream without them pay checks cashed at bank or store to fill the cupboard up galore with food us farmers like to raise in plenty thru our modern ways. I'm just an old crop-raisin' cuss who helps to make the world surplus.

Of course, if worser comes to worst, I could fill up my bins to burst and feed my cows and hogs and sheep, and sell their product nice and cheap, so jobless dads could feed their kids at my expense for bran and mids, and I could somehow eke along and feed myself and write my song and take my rest and let things slide and from my mortgage holder hide. But such a method seems a flop, the kind this war was fought to stop, and it would be a big disgrace to this here so-called human race. I'd rather dodge hard work, I vum, than have no work to dodge, by gum!

act, as the start of depression) and hog prices edge down.

As a matter of national policy, perhaps farm prices should not be allowed to drop more than 15 per cent under the pre-depression level.

Hog producers, therefore, would be assured of an $8.50 price. The market price would be allowed to drop to whatever price would move the goods—maybe to $6.

This low price would speed up home consumption and would move some pork and lard abroad.

BUT producers would be protected by a cash payment equal to the difference between the support price and the market price.

Farmers should note that this support price would not be in terms of 1910-14 parity. It would be based on prices set by the market, without government interference, in the period just before the depression.

And these compensatory payments would not be part of the first-line defense against a slump. First comes full employment, exports, Food Stamps, soil conservation, crop insurance, etc.

BUT if these don't hold the line, then compensatory payments come in as a second line of defense, so farmers may continue full balanced production without being penalized.

Wallaces' Farmer and Iowa Homestead suggests that these recommendations are worth study. We hope many farmers get the book and read the discussion in full.

Odds *and* Ends

STRETCH out your feed. It's a long time until the next harvest.

BALANCE your feed with minerals, vitamins and protein. And plan to make good use of pasture later on.

EGG and poultry prices got some support during the packing house strike. Any one can butcher an old hen.

CULL the livestock whenever a chance offers. Full-feed fewer animals instead of skimping on more.

PRESIDENT Truman says that we had better continue food subsidies for a while. If all were taken off, food costs would go up 5 per cent and more labor trouble would start.

MOST farmers would rather take a chance on strikes, let the subsidies come off at a time when the consumers—not the farmers — will stand the shock.

RECENT check of the shelter belt on the Great Plains shows 78.4 per cent of shelter belts rated as good or better.

ONLY 58 per cent of graduates of Iowa one-room country schools go on to high school. Consolidated schools send 80 per cent.

Have You Been Wanting More Power?

Take a Look at This BIGGER, FASTER CASE

ARE you weary of the work and worry it takes to get along with "almost enough" power? Then say goodbye to the limitations of smaller tractors and step up into the 3-plow class with this Case "DC." In plowing, disking, drilling and all heavy jobs it takes only two days where a smaller tractor takes at least three, thus saving one-third of the labor cost. It pulls a combine or corn picker big enough and fast enough to hustle your harvest ahead of bad weather.

Synchronized Steering, toe-touch turning brakes and compact construction make the "DC" handy for haying and cultivating. Its fuel-saving fourth gear handles light work at low engine speed. Doing all its work easier and quicker lengthens tractor life, cuts down the cost per acre.

Compared with the cost of the labor that builds it or operates it, the "DC" is surprisingly moderate in price. With farm wages high and interest rates low it is more than ever a good investment, more valuable as protection against bad weather and help shortage. Like all Case tractors, the "DC" is built for extra ENDURANCE. For power to see you through the long pull ahead with lower yearly costs for labor, upkeep, and ownership, see your Case dealer now.

Power-Controlled Implements are built in mounted type for the "DC" and two smaller Case all-purpose tractors. For them, the three orchard models, four standard four-wheelers, also vineyard and truck-crop specials, there are power-controlled plows, disk harrows, drills, precision planters. Write for catalog on tractor size to fit your farm. J. I. Case Co., Dept. E-80 Racine, Wis.

12 GREAT TRACTORS

CASE

THE label on a roll of fence is more important to you today than ever before. It is your only sure guide to quality. The U·S·S American trade-mark identifies a fence that has been bought by more farmers than any other brand. It means the fence is good.

The galvanized steel used in American Fence, for example, must be "springy" enough to maintain the tension curve, yet it has to be easy to splice. The galvanizing itself must be tight, yet ductile enough to withstand bending without cracking.

In farm fence, poultry netting, barbed wire, posts, or common nails, the basic ingredient is steel—and when these products carry the U·S·S American trade-mark, you can be sure that they are made from the best steel for that particular job.

EVERY SUNDAY EVENING, United States Steel presents *The Theatre Guild On the Air*, American Broadcasting Company coast-to-coast network. Consult your newspaper for time and station.

AMERICAN STEEL & WIRE COMPANY, *Cleveland, Chicago and New York*
TENNESSEE COAL, IRON & RAILROAD COMPANY, *Birmingham, Alabama*
COLUMBIA STEEL COMPANY, *San Francisco*
United States Steel Export Company, New York

UNITED STATES STEEL

There's more AMERICAN FENCE in use than any other brand. It must be good!

U·S·S AMERICAN FENCE

When Your Feed Subsidy Ends

Should Dairy Feed Subsidy Taper Off, End June 30, or Be Continued?

Should the feed subsidy of 17 cents per pound of butterfat end June 30, or be continued at a lower rate? President Truman wants subsidies continued.

Wallaces' Farmer and Iowa Homestead reports here what a group of leading Iowa dairymen think.

FOR the months of January, February and March, dairymen have been promised the continuance of a direct government subsidy of 17 cents for each pound of butterfat sold.

This is an addition of over 30 per cent of the market price they will receive, which is held down by the OPA ceiling. The following three months, these "dairy feed payments" will be less. They will end after June 30 unless congress acts.

Should these payments taper off from January to July in a graduated decline, instead of making the entire cut in the last three months? Or should the feed subsidy be continued even after the first of July.

Wallaces' Farmer and Iowa Homestead tried these questions out on a group of prominent dairymen.

As might be expected, dislike of the idea of subsidy was evident in many of the replies. In fact, those who took a definite stand were two to one against a continuance of the subsidy. And those who favored it did so with reservations.

Those of the opposition were most forthright in their opinions. Here are a few sample replies:

"Let the consumer pay the price for producing milk, and forget the subsidy."—Buchanan county. "Discontinue all controls on everything."—Dubuque county. "I am not in favor of controls of any kind."—Scott county.

"Our government can't continue to give forever," the last of these went on to say, "and at the present price of dairy products we don't need any subsidy." (How many agree with him on that?)

A Monroe county man asks:

"What will the consumer think, now that the war is over and his butter goes up in price? Does he know how much of his butter bill the government is paying?"

The question of consumer reaction to higher dairy product prices is in the minds of most dairymen as they look ahead. They can sympathize with the attempt to hold down inflation.

Right or wrong, the government did see fit to hold the price steady, and for an incentive—to get the enormous amount of milk products needed for the armed services, for lend-lease, and at home—it offered a direct subsidy instead.

Now it's a matter of letting go of the cat's tail without some one getting scratched.

Most dairymen agree that butter prices would rise, right now, if the 55-cent ceiling was removed. Perhaps prices might rise even to the extent of the 17-cent subsidy, since butter production is now at such a low level.

But could whole milk and other products command a similar price?

And if the price ceiling is held till July 1, when cows hit their summer production peak, could creameries then dispose of their supply of butter at as high a price as it would have brought earlier?

Marvin McLain, of Poweshiek county, comments: "I am very much afraid the average consumer by that time will be in no mood to stand a rise in price to completely offset the withdrawing of the subsidy. In other words, I very much fear the producer will be the 'goat' if all dairy subsidies are removed next June 30."

Trouble? **Marvin McLain, of Poweshiek county, Iowa, thinks consumer may balk at sudden 17-cent rise in butter.**

He is one of those who would continue the subsidy "in limited form" after that date.

Even those who would end all subsidies vote two to one in favor of their gradual termination. They want to cushion the shock to the consumer.

Says Arthur Gerlach, of Mitchell county: "It would be a serious mistake to discontinue too quickly. We still need dairy products and, with a sudden stop in payments, the market could not take up the slack in price."

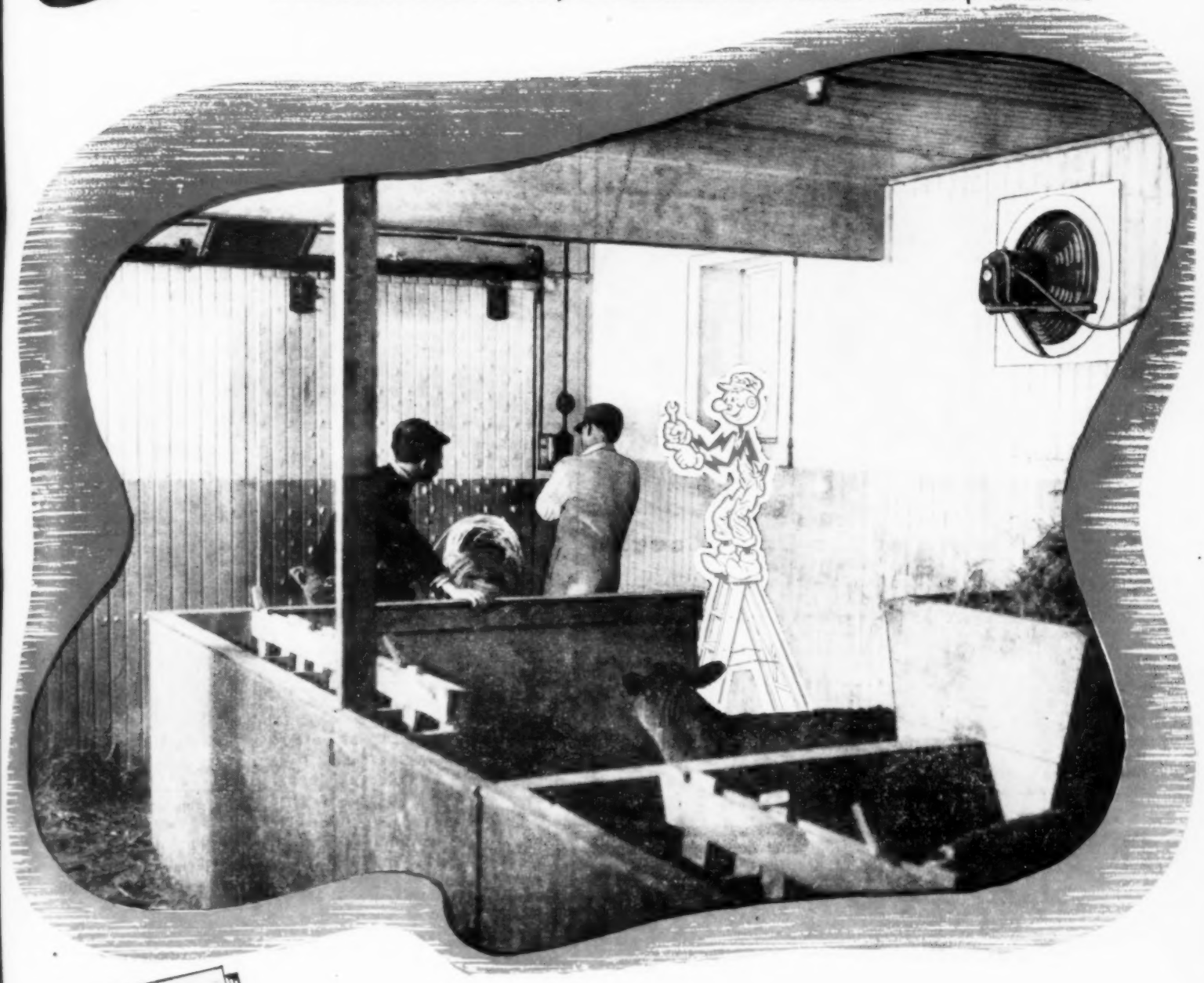
Roy J. Smith, of Dickinson county, suggests that "prices should be advanced gradually, and subsidy taken off in the same way."

Ralph J. Mason, of Hardin county, adds: "The needs of the public must be considered and the problem of the marginal producer."

Would the public stand for a price so high that the less efficient dairymen could still make a good living? Do farmers want a guaranteed income for inefficient production, any more than they want labor to be paid for unproductive work?

Electric Wiring on the Farm

should be Safe, Convenient and ADEQUATE



Get Your FREE Copy of this Wiring Guide From Any Company Listed Below

Reddy Serves You Better with an Efficient Wiring System

EACH of the thousands of Iowa farmers, who will soon enjoy the advantages of High-line service, should begin planning his farm electrification with an adequate wiring system. The wiring system on your farm is the foundation of everything electrical. The efficient operation of every motor, heater and other appliance depends on the right size wires, the correct number of circuits and the right size switches which you install. Do not handicap your work and time-saving electric servant, Reddy Kilowatt, with make-shift or shoddy wiring. It will pay you rich dividends in profit-producing service to plan adequate wiring now.

Any of the companies listed below will be glad to suggest a competent electrical contractor, qualified to install the type of electrical wiring you should have. Adequate wiring is the first step toward modern, profitable electric farming!

A TIMELY MESSAGE FROM

THE ELECTRIC COMPANIES OF IOWA

PIONEERS IN RURAL ELECTRIFICATION

CENTRAL STATES ELECTRIC CO.
PEOPLES GAS & ELECTRIC CO.
INTER-STATE POWER COMPANY
IOWA ELECTRIC COMPANY
IOWA ELECTRIC LIGHT & POWER COMPANY
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY
IOWA POWER & LIGHT COMPANY
IOWA PUBLIC SERVICE COMPANY
IOWA SOUTHERN UTILITIES CO
NORTHWESTERN LIGHT & POWER COMPANY

Reddy Kilowatt
The friendly symbol of the business managed electric companies.

I TOOK A "HARD-BOILED" LOOK AT COMBINES

KEEP YOUR EYE ON MASSEY-HARRIS

Here's A Picture of the One I Bought

TAKE a good look at a Massey-Harris Clipper Combine yourself. It's the kind of combine you'd like to have on your farm.

Notice the big, 60-inch 6-bat reel . . . the full 6-foot cut . . . the easy incline of the canvas for uniform, unbunched flow of grain to the separator.

Follow the grain through the 5-foot rasp bar cylinder that rubs out the grain in a natural easy way. Check the straight-through separation with cleaning capacity of combines twice the size.

The result is cleaner separation of more than 110 different crops . . . more grain in the grain tank . . . more money in your pocket.

Massey-Harris builds into its combines the "know-how" of more than 40 years . . . "know-how" that developed the rasp-bar cylinder . . . "straight-through" separation . . . self-propelled combines as early as 1937.

Talk to your dealer about a Massey-Harris Combine now. For full details by mail, write to The Massey-Harris Co., Racine, Wisconsin, Dept. 25

MORE GRAIN IN THE GRAIN TANK

Full-width straight-through separation means a thin, uniform flow of straw—less running—and more grain in the grain tank.

HARVEST PROVED ON MILLIONS OF ACRES

The harvest years of 1944 and 1945 gave added proof of the value of straight-through separation as pioneered by Massey-Harris. The Harvest Brigade of Massey-Harris Self-Propelled Combines, harvested over 4,000,000 acres of grain . . . performance unmatched in the entire history of harvesting.

A SIZE FOR YOUR FARM

In addition to the 6- and 7-foot tractor-drawn Clippers, Massey-Harris builds Self-Propelled Combines in 7-, 12-, and 14-foot sizes.

FOR LOW-COST FARMING.. BUY MASSEY-HARRIS TRACTORS COMBINES IMPLEMENTS

THE MASSEY-HARRIS COMPANY
General Offices: Racine, Wisconsin

There's a Massey-Harris Dealer near you. In Iowa:

Akron—V. G. Adams
Albia—Ray Brooke Motor Co.
Albion—F. H. Wiley
Algona—Bradley Bros.
Anamosa—Anamosa Sales Agency
Arcadia—N. J. Peters & Sons
Archer—J. C. Koelbeck
Atlantic—Sathom Motor Co.
Audubon—Henry Winther
Baxter—Sanderman Impl. Co.
Bedford—Estel Implement Co.
Bellevue—Bellevue Auto Service
Boone—Olson Chevrolet Co.
Burlington—Sunnyside Equip. Co.
Cedar Rapids—King Coal & Imp. Co.
Centerville—G. Cormor
Clarence—H. D. Kemmann Sons
Clear Lake—Estlinger & Mullan
Clegharn—Johnson Implement Co.
Coulter—Coulter Implement Co.
Council Bluffs—Boyer Impl. Shop
Creston—Wilson Implement Co.
Decorah—Hattlestad Implements
Denison—Earl Jones
Des Moines—Ewing Impl. Co.
De Witt—Stahl Implement Co.
Dike—Mark & Duisman Impl. Co.
Durant—Dickey Implement Co.
Dyersville—Gus H. Brunkan
Eagle Grove—Rengsdorf Bros.
Eldora—Putnam Implement Co.
Elkader—W. B. Fassbinder
Emmetsburg—Hossack Motor Co.
Farmington—Farmington Lbr. Co.
Ft. Dodge—Farm Equipment Co.
Greenfield—McVay Chevrolet Co.
Guthrie Center—Irvin Auto Co.
Hamburg—Farm Supply Co.
Harlan—Wigness Machine Shop
Hartley—Julius H. Luedke
Hawarden—Hawarden Cement Block & Tile Co.
Humboldt—S. H. Klassie
Ida Grove—Rogge Implement Co.
Iowa City—Capitol Implement Co.
Iowa Falls—Manning Howell
Lamont—Smith Implement Co.
Little Sioux—Wm. Walters & Sons
Lowden—H. D. Kemmann Sons
Manly—J. J. Hovell
Mason City—R. L. Dixson
Millersburg—Alfred E. Sheull
Missouri Valley—Schwertley Bros.
Monona—Drahn Implement Co.
Monticello—Monticello Implement & Truck Co.
Mt. Pleasant—Lloyd Peterson
Nevada—L. D. Neasham
Nichols—Elder Implement Co.
North Hampton—Don McGrath
Northwood—S. O. Thompson
Oakland—Kings Tractor & Supply
Onawa—Farm Equipment Co.
Oskaloosa—Burdock Lumber
Packwood—Dickey & Johnson
Parkersburg—Kyhl Chevrolet Co.
Pella—Gary T. Vogelaar
Red Oak—Forward Machinery Co.
Remsen—Schaaf's Hdwe. Store
Renwick—S. H. Klassie
Rowley—Will Koesser
Sibley—Peter H. Feldkamp
Sioux City—C. J. Murray & Co.
Spencer—Blake Sales
Spirit Lake—Hall Implement Co.
Storm Lake—Peterson Motor Co.
Strahan—Woodfill & Hathaway
Swea City—John Geerdes
Tipton—Brendes Farm Equip. Co.
Traer—Pemberton Implement Co.
Villisca—Orton Motor Co.
Vinton—Davis Implement Co.
Waterloo—Ewing Implement Co.
Waukon—Voliere Dundee
Waverly—Drape Chevrolet Co.
Webster City—Hugh Piper
West Amana—Amana Society
West Bend—Freidon Auto Co.
West Chester—Millers Garage
Winterset—David Weems

Must Control Borer; Can't Stop Him

Time Farmer Plants Corn Important For Control, Entomologists Tell Conference

FARMERS must learn how to live with the corn borer. Emphasis will be on control, not eradication, of this European invader. But there will be no compulsory regulations for farmers to observe.

That's what visitors heard at the corn borer control conference in Cedar Rapids, Iowa, January 16 and 17. Farmers, hybrid seed corn producers, state and federal entomologists, sweet corn men and college extension workers took part in the conference.

Some farmers in the worst borer infested counties are alarmed, and some are not. A few estimated loss in 1945 at 10 per cent and as high as 20 per cent in the worst fields.

On the other side, one farmer said: "It's just another insect." He thought the borer would come and go like chinch bugs and grasshoppers. "Why get excited?"

There is some support for the view that the borer menace to corn will vary year by year. The pest hit Iowa first in the counties along the Mississippi. But in 1945, these had fewer borers than counties farther west.

The worst borer infested counties in 1945 were Johnson, Jones, Benton and other counties in that area 50 to 75 miles from the river.

But damage to Iowa corn fields has gone up each year since the borer was first found in Iowa, on a Clinton county farm, on August 10, 1942. Federal estimates of the damage in Iowa, reported by Dr. Carl J. Drake, Iowa state entomologist, are as follows:

In 1943, the corn borer damage, in round numbers, was $600,000; in 1944, total damage was $2,000,000, and in 1945 the damage to Iowa corn fields was estimated at $6,000,000.

This damage has occurred while not to exceed one-third of Iowa's counties were infested heavily enough to have commercial damage. The damage could be considerable in a good corn borer year with all counties infested, as they soon will be.

"Is it possible that the borer will hit corn farmers a staggering blow some year when everything is favorable for the borer?" This question was put to Drake.

"It might happen," he replied. "Good years to plant and tend a corn crop are also good corn borer years. The last two years have been unfavorable for the borers, especially late planting in 1945."

D. D. Offringa, Linn county extension director, said that getting farmers to recognize the extent of borer damage now, and possibilities of future damage was the main problem in a control plan.

The conference made six recommendations for borer control:

1. Killing overwintering borers by destroying infested stalks.
2. Planting corn late in the corn planting range in the locality.
3. Planting of resistant or tolerant strains of hybrid corn.
4. Cutting corn at surface of ground, destroying early sweet corn as soon as crop is harvested, and clean-up around canneries.
5. Use of insecticides [illegible]
6. More study of corn borer control methods.

Farmers can make best use of three of the recommendations.

1. Time of planting is probably the most important. The borer moths will fly as far as 50 miles to lay eggs in the biggest corn to be found. Wait till about the latest time to plant corn in your community.

2. Watch the difference in attacks of borers on different hybrids. If two kinds of corn are planted in the same field, and one doesn't seem to be liked by borers, plant the resistant kind, if it yields as much as the other kind.

Harry D. Linn Iowa secretary of agriculture, favors a voluntary method of corn borer control.

3. Destroy all old stalks you can. They can be made into silage, ground as fodder, or plowed under cleanly before May 15. For use as silage or fodder, the cutterbar should be close to the ground as borers work down the stalks and some even go below the ground level.

This method sounds good, but in practice is likely to be disappointing. Even on corn land, entomologists estimate that less than 10 per cent of plowing is clean enough to be effective. To get stalks destroyed on 4,000,000 acres of Iowa oats put in with the disk following corn seems impossible.

On the use of insecticides to kill borers, George C. Decker, Illinois entomologist, reported that trials in Illinois indicated each application cost $5 per acre, and four were required.

Tho quite effective, the cost will prohibit use of insecticides except on sweet corn and fields for seed.

A report to the conference pointed out that all farmers in a community or county would have to cooperate in a control program to make it worth anything.

But the group agreed with Iowa Secretary of Agriculture Harry D. Linn that control should be voluntary. Some pointed to the difficulties of enforcing the noxious weed program as an argument against trying to make a control program compulsory.

More Milk in Fewer Minutes

In recent tests on a large dairy herd, a two-man team machine-milked 54 cows in an hour. That's just about a cow a minute. They were using the new *correct milking method* which often cuts milking time in half. Time and labor are saved, more milk is obtained, herd profits are increased, and the danger of mastitis is lessened. The new method can be used on herds of any size, whether machine or hand-milked.

To prepare your cows for a quick letdown of milk, first massage the udder vigorously for 20 seconds with a very warm cloth (130° F.), wrung out of a chlorine (250 parts per million) solution. Second, draw two or three streams from each quarter into a strip cup—which removes milk of high bacterial count and permits inspection for abnormal milk indicating mastitis. These two steps stimulate the cow's milk glands and cause her to let down in about 40 seconds. Milking should be started within a minute after udder massage and finished within four minutes, including brief stripping either by hand or machine. It is good practice to sterilize teat cups in a chlorine solution after each cow is milked.

Most cows respond to this correct milking method. Giving heifers an occasional udder massage before they freshen helps develop them into fast milkers. In the case of cows not previously trained for fast milking, most of them will respond to faster milking if milking time is shortened gradually to from three to four minutes.

An excellent illustrated circular which gives full details on this method of milking may be obtained from the University of Wisconsin, Madison, Wisconsin. Or inquiries may be made to your County Agent or nearest Agricultural Experiment Station.

$400 IN CASH PRIZES

Write us a letter (not over 500 words), on "Methods Employed by Meat Packers in Marketing Meats, Poultry, Eggs, Butter, and Cheese."

For the best letter we will give prizes as follows: First, $75; Second, $50; Third, $25; Next ten, $10; Next thirty, $5. Duplicate prizes in case of ties. Contest closes May 1, 1946. We will gladly send you booklets giving information on marketing methods. Address Letter Contest, Department 128, Swift & Company, Union Stock Yards, Chicago 9, Illinois.

THE EDITOR'S COLUMN

Profits Mean Progress

If someone offered you a deal which gave you a chance to make about 1% of the price your steers, hogs, or lambs sell for, we doubt if you'd get very enthused about it. The profit margin would be too small—about 35¢ on a $35 hog, or only $35 profit on 100 hogs.

Swift & Company makes thousands of such very low-profit deals every day in the year. At the end of the year 1945, for instance, we came out with a profit of only 9/10 of a cent per dollar of sales on our total volume.

The meat packing industry is highly competitive, and many of its products are very perishable. But like you, or any other able businessman, we want to make more profit than that 9/10 of 1% on our business. Profits mean progress, and in order to progress, everyone—producers and meat packers alike—must receive more than barely enough to meet expenses.

Producers of livestock and other farm products got 75¢ of each dollar we received from the sale of all our products, including hides, wool, and all by-products. You may well ask, "Where did the remaining 25¢ of that dollar go?" The answer is: 12.3¢ went to all plant and office employes who prepare and market these farm and ranch products; transportation took another 2¢; supplies (fuel, barrels, boxes, salt, sugar, etc.) cost 5.1¢; taxes 1.4¢; other necessary expenses 3.3¢. And that left just 9/10 of a cent out of the average sales dollar for the development and protection of the business and as a return to the people who have invested their savings in Swift & Company.

F. M. Simpson.

Agricultural Research Department

MINERAL SUPPLEMENT FOR WINTER FEEDING CATTLE

It has long been known that minerals are necessary for the health of animals and even for life itself. Those minerals most likely to be lacking in winter feeds are calcium or lime, phosphorus, and common salt. Many of the roughages fed to cattle may be short in minerals or grown on soils of low fertility. When cattle are fed such feeds they must be supplied with a mineral supplement containing salt, lime and phosphorus. Also valuable in this mineral supplement are small quantities of other so-called "trace elements" such as cobalt, iron, manganese, copper and iodine. Although only small amounts of these latter minerals are needed, each plays a part in building a strong, healthy animal.

WORTH THINKING ABOUT... The successful farmer is a businessman who works his land to produce a fair return on invested capital. The capital which he uses comes from accumulated savings of his own, or the savings of others that he has borrowed from a bank or elsewhere.

He invests those savings in land, buildings, machinery, seed, livestock and in other things necessary for himself and his family to produce crops and to live.

When he figures out his results at the end of the year, he, like all other businessmen, measures his success by the returns he makes on his savings and the borrowed savings. Failures in farming, like failures in other businesses, are due to operations that, over a period of years, fail to average a fair return on the money invested—with the result that the savings are either withdrawn or lost.

Soda Bill Sez:

. . . that agriculture is about like farming, only in farming you *do* it.

. . . that the hardest thing to learn about farming is getting up at 5 A.M.

Martha Logan's Recipe for

HUNTER'S STYLE DINNER

Yield: 8 Servings

- 1 large bunch celery (about 1 pound)
- 3 large onions (about 2½ pounds)
- ¾ cup lard
- 2½ pounds fresh pork shoulder
- 1 cup canned mushrooms
- 7 ounce package spaghetti
- 2 cups cooked or canned tomatoes
- 2 cups cooked or canned lima beans
- 1 tablespoon salt

Cut up celery and onions. Fry in half of the lard until transparent, in a heavy iron pan. Cut up the pork into small pieces. Brown well in remaining lard. Cover and cook over low heat for 30 minutes. Cook spaghetti in 2 quarts boiling salted water 15 to 20 minutes. Drain. Add tomatoes, lima beans, mushrooms, browned pork, onions and celery. Season well. Cook over low heat or in a slow oven (325° F.) for 30 minutes.

NOTE: This is excellent when warmed over

OUR CITY COUSIN

LITTLE COUSIN FROM THE CITY STOPPED TO PET THE PRETTY KITTY... WHAT A PITY!

When the Going is Tough We Turn to Fundamentals

by Professor A. E. Darlow, Oklahoma A. & M.

Professor Darlow is at present at Shrivenham American University in England, helping to rehabilitate the agriculture of war-torn Europe.

The importance of agriculture and agricultural production was certainly impressed on the average Briton during the war. Food and food production for fighting men and working women were items of first importance. The English farmer did a marvelous job of increasing and maintaining production.

Many have thought that all the effort was on crop production. This is not the fact. Despite the need for all the human food it was possible to produce, the farmers and breeders of Britain have maintained their herds and flocks. There were some shifts and changes in livestock production but the importance of livestock to agriculture and the importance of livestock production to human welfare were never more fully realized.

Here is a lesson for us all. It isn't theory, but fact brought into sharpest focus in a people's fight for existence—that *nothing is more important to a nation's economy than her agriculture, and nothing is more necessary to good agriculture than a balanced livestock program.*

SWIFT & COMPANY
Union Stock Yards
CHICAGO 9, ILLINOIS

* * **NUTRITION IS OUR BUSINESS—AND YOURS** * *

Right Eating Adds Life to Your Years, and Years to Your Life

Contour and Strip Cropping Saved the Soil

Elmer Mauske Farm near Coon Valley, Wisc., on The Milwaukee Road

The Future of the Nation depends on *Conservation*

FOR many years, in this country, we proceeded as if our soils were inexhaustible, our forests everlasting, our water supplies unfailing. No one believed we would ever have to conserve on coal, oils, and other minerals. Everyone thought America was a land of unlimited resources.

Today, conservation is the watchword of all thinking people. They realize we cannot squander our natural resources and still continue to enjoy the prosperity which is the envy of all the world.

Efforts of farmers to protect and improve their lands by a wide variety of proven soil conservation practices must be carried on cooperatively with their neighbors. Everyone residing in or serving a community has a direct personal interest in adoption and continuation of conservation practices.

Our Agricultural Agents have suggested and helped organize many Soil Conservation Districts. They have effectively advocated the need for water conservation for irrigation, livestock, flood control and other uses. They and our Geologists are cooperating with national, state, and private interests for best uses and conservation of our mineral and forest resources.

The roots of The Milwaukee Road are deeply imbedded in the soil. Our future, like yours, depends on the conservation of the natural resources whether they be soil, forests, or minerals in the territory we serve. We ask for your suggestions as to how we can do a better job for our mutual welfare.

CHICAGO MILWAUKEE ST. PAUL AND PACIFIC

Agricultural and Mineral Development Department
888 Union Station, Chicago 6, Ill.

THE *Milwaukee* ROAD

"Continue Subsidies," Says Truman

President Fears Sharp Rise in Living Costs if Consumers Don't Have Help

WASHINGTON, D. C. —Farm price prospects look better than a few months ago. A serious slump in prices this summer isn't expected now—except for eggs.

This is really what the Truman recommendation on subsidies means.

Only a short time ago, the administration was pretty sure that prices of farm products would slack off in mid-summer.

If demand fell off sharply, that meant subsidies could be lifted and consumer prices would rise very little. The farmer would take the rap, not the consumer.

Take butter, for example. If the 17-cent feed subsidy was dropped, and if demand for butter was light, the farmer would just be short 17 cents.

But if demand was still strong, the consumer would pay the 17 cents and the farmer would be getting just what he has been. Only he would be getting it all in the market instead of part in the market and part in a government check.

President Truman admitted that farm and food prices had not followed the pattern officials expected they would after the war was over.

Failure to continue subsidies, he declared, would raise food costs 8 per cent, and the cost of living 3 per cent, to make it "extremely difficult for us to control forces of inflation."

The president told congress that retail food prices had been expected to drop from 3 to 5 per cent in the first six months after the war ended.

"In anticipation of this decline in food prices, it was our belief," he said, "that food subsidies could be removed gradually during the winter and spring, and eliminated almost completely by next June.

"It was our feeling that food subsidies could be dropped without an increase to the consumer in the present level of food prices or in the over-all cost of living."

President Truman said that, as matters are today, prices of food are pressing hard against the ceilings.

"The expected decline in food prices has not occurred, nor is it likely to occur for many months to come."

He said unless subsidies are continued, meat prices will have to be increased an average of 3 to 5 cents a pound, butter at least 12 cents, milk 1 to 2 cents a quart, bread 1 cent a loaf, sugar more than 1 cent a pound, and cheese 8 cents, in addition to an advance of 4 cents scheduled for February 1.

Mr. Truman acknowledged that farmers particularly have "always been opposed" to subsidies. He said, however, that farmers would agree to the necessity for continuing them a little while longer "if the facts are laid before them."

"I believe our farmers are as deeply conscious as any group in the land of the havoc which inflation can create. Certainly, in the past 18 months no group has fought harder in support of the price-control program."

This presidential plea for authority to continue subsidies had been expected. But there are many signs that it will face sharp opposition from some major farm organizations and from many farm-minded members of congress.

Such organizations as the National Grange and the American Farm Bureau Federation will oppose continuation of the subsidies. They contend consumers are well able to pay unsubsidized prices.

They argue that the time to remove subsidies is when consumers have a high level of purchasing power, rather than later, when purchasing power may be lower.

Truman **"The expected decline in food prices has not occurred, nor is it likely to occur for many months to come."**

The impending fight over subsidies may well put Secretary of Agriculture Anderson on a "hot spot." It was he who, in agreeing with farm leaders on subsidies, sold the administration on the idea of ending subsidies June 30.

It was Anderson who told the White House that farm and food prices were expected to drop, and that subsidies could be removed by June 30 without raising food costs.

Thus, he is in the position of having guessed wrong and of putting the administration on a limb, from which it now is seeking to retrieve itself.

There has been much speculation in recent weeks on Anderson's future as a member of the cabinet. Reports have it that he plans to resign soon, to return to his home state of New Mexico to run for governor. These reports he has denied.

Rumors persist that the president has his eye on Milton Eisenhower, president of Kansas State College, and brother of General Dwight Eisenhower, as successor to Anderson.

INSIDE STUFF

IT'S AN ILL-WIND. Stocks of poultry were much heavier than usual before the packing house strike.

▲▲

LOTS OF POULTRY moved into consumption from storage last month. And plenty of eggs.

▲▲

WONDER WHAT ex-service men generally think of the list of reforms recommended by a GI gripe-meeting in France?

▲▲

SHOULD OFFICERS and men eat at the same mess—first come, first served? Should officers' clubs be open to everybody? Should reserved seats in theaters, special lines in PX lines, etc., be abolished?

▲▲

PROBABLY the army would get more volunteers—which are badly needed—if officers and men got the same treatment off duty.

▲▲

ONE REVOLUTIONARY recommendation of the GIs was that every prospective officer serve a tour as an enlisted man before he got his commission. Another was to put enlisted men on court-martial boards.

▲▲

CANADA is trying out a system of family allowances. Monthly payments are made for the first four children.

▲▲

FOR EVERY CHILD under six, $5 per month is paid, with the scale running up to $8 for every child between 13 and 16. If you make enough to pay income tax, you don't get this allowance.

▲▲

AS A MEANS of seeing that children get enough to eat, I prefer the new Food Stamp proposals. This gives a break to children in poor families, but makes sure that most of the aid goes for food.

▲▲

EISENHOWER'S remark: "You don't disband fire companies just because the boys sit around and play checkers between fires" is the best comment on the need for keeping adequate occupation lines in Germany and Japan.

▲▲

HOW DID the public respond to President Truman's demand for fact-finding boards and a 30-day cooling-off period?

▲▲

A GALLUP POLL shows 83 per cent of farmers in favor and only 5 per cent opposed. For the nation as a whole, the vote was 78 per cent favorable.

▲▲

"LET THEM FIGHT it out" was the way some farmers talked about management and labor just before the packing house strike.

▲▲

"WHY DOESN'T the government do something?" was what they said after a few days of the strike. Those fat hogs were eating up too much scarce feed.

DONALD R. MURPHY.

How big is your farm?

SOME FARMS are smaller than a city block. Others cover most of a county. The average U. S. farm is 174 acres. But land measurements are only one factor in determining the size of a farm. A farm is as big as its power to produce.

By increasing your farm's power to produce, V-C Fertilizer makes your farm a bigger and better farm *in yields and profits.*

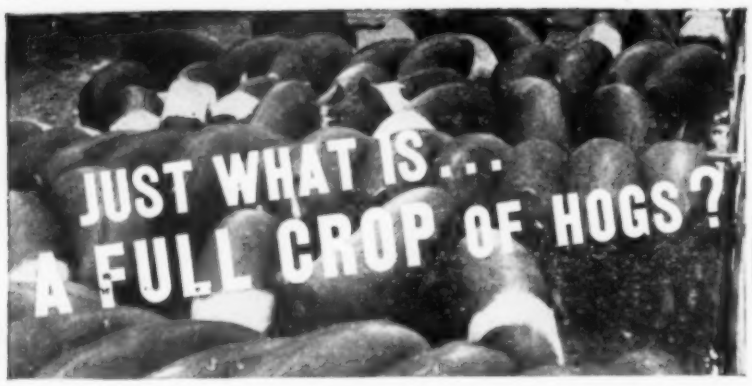
Another man may own two to three times as many acres as you own. But, if his acres are poorly-fertilized scrub acres and your acres are good land, well-fertilized with V-C Fertilizer, your farm is as big as his *in yields* and your farm is a bigger farm *in profits.*

His costs of production are much greater than yours, because he has to prepare, plant, cultivate and harvest much more land than you do to get the same yield. V-C Fertilizer adds extra yields of better quality crops to your farm, without the work, worry and expense of extra land.

V-C Fertilizer is your best investment. It helps each hour of your work and each acre of your land return a richer harvest. You will never know how really big your farm is *in yields and profits,* until you try using plenty of V-C Fertilizer—the leader in the field since 1895.

VC FERTILIZERS

Virginia-Carolina Chemical Corporation
East St. Louis, Illinois



Just what is a *full crop* of hogs on your farm? Compare these figures —

	Pigs Per Litter Farrowed	Pigs Per Litter Weaned	Pigs Per Litter Marketed
*U.S.D.A. Average	7.91	5.25	4.80
SEMI-SOLID SYSTEM[1]	9.48	8.95	8.7

Feed COST per 100 lbs. gain — National Average = $12; Semi-Solid System = $8.50

[1] An average of the spring and fall hog crops at the Semi-Solid Experimental Farm where the Semi-Solid System is followed. They represent "middle of the road" type hogs found on any good average farm... raised on a "system" *practical* on any good average farm.

The "Semi-Solid System," including the NEW Semi-Solid PIG Emulsion, is an efficient feeding and management system *you* can use on your farm. On a 20-sow farm, the average market "crop" is 96 hogs; on the Semi-Solid System this same market crop could be 174 hogs! It is a system that provides for . . .

TWO FULL CROPS A YEAR

It is so simple to let the "Semi-Solid System" help you raise two FULL CROPS a year — pigs averaging more than 200 lbs. in 180 days—that you can't afford not to look into it. Today is the day to buy your supply of the NEW Semi-Solid PIG Emulsion from your feed dealer — and start feeding for Two full crops of hogs THIS year!

*Average figures compiled by U.S.D.A. from actual farm records.

CONSOLIDATED PRODUCTS COMPANY • Danville, Illinois

FREE This handbook gives you a common-sense, practical plan for raising a *full crop* of hogs — twice a year.

© 1946 C. P. Co.

"The Semi-Solid System" OF RAISING HOGS

FIRST AGAIN IN '46

HORN-DRAULIC LOADER

Rugged! Compact! Dependable! Horn-Draulic Loaders are doing the heavy, back-breaking lifting and loading jobs for thousands of farmers and doing it easier and quicker. Lifting capacity 2000 pounds with all controls at driver's fingertips. Improved construction make the Horn-Draulic Loader more than ever THE BIG LIFT IN YOUR FARM WORK. Easily installed or detached. Streamlined to clear any opening through which the tractor alone can be driven. See your implement dealer today. Or write Dept. 12 for circular.

No belts, chains or gears to slip or break

PRECISION BUILT BY

HORN MANUFACTURING COMPANY
FORT DODGE, IOWA

Farmers View Labor's Wage Demands

Interviews With Iowa Farm People Show Some Resentment, Some Approval

WHAT do farm people think of the demands of auto workers, steel workers, packing house workers, etc., for higher wages per hour?

A Wallace-Homestead Poll—taken before the packing house strike started—shows that Iowa farm people are inclined to a middle-of-the-road position.

Only 14 per cent approved an increase of 30 per cent in wages per hour. And only 28 per cent objected to any increase at all.

The biggest group, 45 per cent, apparently saw some justice in the labor claim that the end of overtime meant a severe slash in take-home wages unless rates per hour were increased.

But this large group registered approval of only a 15 per cent increase.

Most of the fighting in the labor-industrial field has been in the zone of 15-20 per cent increases.

By agreeing to 15 per cent, these farmers are a little under the figures named by the federal fact-finding board in the General Motors case and by President Truman in the steel case.

What kind of farm folks approve 30 per cent demands? More men than women; more older farmers than younger; more tenants than owners; more Democrats than Republicans.

What kind of farm people do not want any increase at all for labor?

Young men and renters were inclined to favor this position. Non-Farm Bureau members were more hostile to labor on this point than were Farm Bureau members. Republicans were more hostile than Democrats.

Of the big group, the 45 per cent who favored a 15 per cent increase, women and men showed about the same vote. Older farmers were more for a 15 per cent increase than were younger ones.

Owners voted 50 per cent for this, while tenants were only 40 per cent in favor. Farm Bureau members were 53 per cent for a 15 per cent raise, while non-members favored it only 38 per cent.

These Iowa farm results check closely with other polls. A recent Gallup poll showed 43 per cent favoring a 15 per cent increase on a national basis.

In spite of the fact that 59 per cent of the farm people interviwed favored a raise of 15 per cent or better, the most outspoken comments came from the 28 per cent who objected to any raise at all.

"Labor strikes are causing trouble all over the country. They are never satisfied with the pay they get. I do not favor giving them an increase."—Cherokee County.

"If labor gets a 30 per cent increase, it may maintain buying power for farm products, but it will bring up prices on things the farmers have to buy, and farmers will be no better off than before." —Mahaska County.

"I'd like to see labor get an increase of 30 per cent. I'd rather pay more for a tractor if it means labor would receive good pay. I buy a tractor every 12 or 15 years, and during that time I will receive better pay for my farm produce if labor is well paid."—Clayton County.

"Some work may be underpaid, but in many cases it was easy come, easy go with war workers. If food prices come down, as they will, then why should labor refuse to work for less?"—Story County.

"Labor can't expect as much as in war-time. That's what spoiled people. They really should not have any raise, at most not more than 15 per cent." — Washington County.

"We can't expect to maintain the same income and buying power we had during the war. OPA has done much to hold down the prices, but we're bound to hit the bottom again."—Clarke County.

"No doubt, labor needs a wage increase, and people shouldn't be misled by the 40-hour week, as the average laborer puts in many additional hours traveling to and from work."—Madison County.

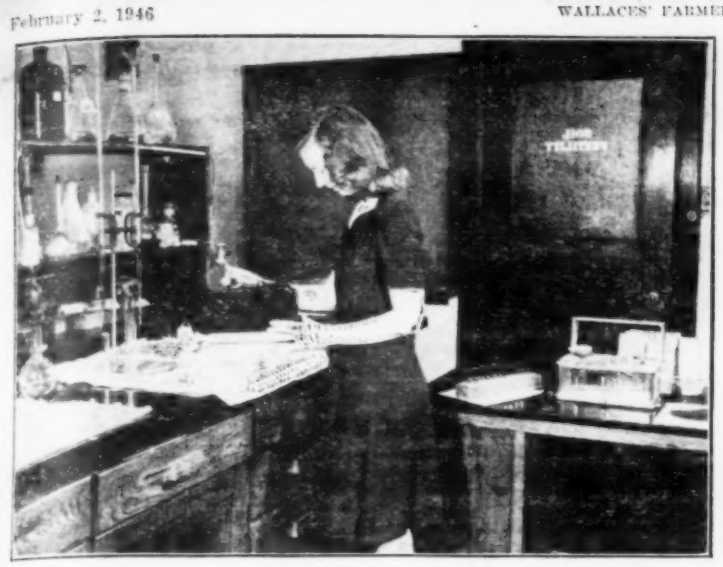
"Labor is what helps keep us going. The laborer is as good a customer as the farmer has."—Wright County.

"Labor is too high now, without any raise. If it does go up, everything will have to go up with it, consequently we'll be worse off" —Lee County.

Wallace-Homestead Poll

In some industries, labor asks a 30 per cent increase in hourly rates, in order to get the same weekly total of take-home pay as in war-time. A representative sample of Iowa farm people were asked to check the statement that came nearest their views:

A—Labor should get a 30 per cent increase in order to maintain the same income and the same buying power for farm products as in war-time	14%
B—Labor needs some raise in rates per hour, but I think 15 per cent would be plenty. We all have to take cuts now	45%
C—Labor was overpaid during the war, and should take the full 30 per cent cut in take-home pay without complaint	28%
D—Undecided	13%



Somebody's Farm is being tested for plant food and lime needs in the Iowa State College laboratory. Then the field history is studied and fertilizer recommendations are made. Mrs. Helen Heidel reads the photelometer.

Will Make Soil Tests For Farmers

Send Soil Sample, Tell Field Conditions, For College Fertilizer Recommendations

YOU may be one of many farmers who have become convinced that the use of commercial fertilizers will pay on some or all of your farm land. But those numbers indicating fertilizers are confusing—0-20-0, 0-9-27, 0-12-12. Just which one should be used?

Chemical tests of the soil in the past have not been accurate. Work in the soils laboratory at Iowa State College has shown that on many soils chemical tests to determine what plant foods the soil needed did not agree with actual field tests in growing crops.

But as a result of recent work in the soils section, tests have now been devised for use in the laboratory which permit accurate recommendations on nearly all Iowa soils.

The method is a laboratory test plus a report from the farmer which gives intimate knowledge of the field conditions from which the soil samples came.

Expanded soil testing facilities at Iowa State College have now been made available on a fee basis.

For testing samples of field soil the charge will be 75 cents each. The person submitting the sample will be provided with a report of the available phosphorus and potash, the total carbonates and the lime requirement.

The report will also give recommendations to the farmers as to the kind of fertilizer to apply and the quantity needed for specific crops.

In order that this information may be furnished, the person submitting the sample is required to send in a completely filled out information sheet.

This sheet gives the crop history of the field, indicates whether or not it has been limed or previously fertilized, the soil type, topography, extent of erosion or need for drainage, and other information needed by college agronomists in analyzing the results of the tests and to make recommendations.

Supplies of these blank forms and instruction sheets, to guide the taking of samples, have been provided each county extension office. Farmers may obtain them at these offices or they may write to the Agronomy Department at Iowa State College.

All persons are advised, however, that in the future samples will not be tested unless they are accompanied by the required information sheet and the fee for testing.

Personnel has been added to the staff, and present plans are to test the samples and send back recommendations within two weeks of the time they are received.

The additional testing facilities and people to take care of the expanded work largely have been provided by the agricultural extension service. At the same time, research on further improvements in soil testing techniques is being continued by the agricultural experiment station.

Gives Ration For Milk Cows

Winter roughages contain less protein than grass. Therefore, the milk cow's winter grain ration should contain more protein than the summer ration.

When good legume hay and silage make up the cow's roughage ration, the following grain mixture is recommended by G. A. Williams, dairyman at Purdue University.

Mix 300 pounds of ground corn, 200 pounds of ground oats and 100 pounds of a supplement containing 30 per cent or more protein. If the hay is not green and leafy, increase the protein in the supplement.

For each gallon of milk given by the cow, feed two pounds of the grain mixture, says Williams. However, fresh cows should not be put on full feed until three or four weeks after freshening. Cows near the end of lactation may need a little more to keep in good condition.

De Laval! SEPARATORS!

Now is the time to see your De Laval Dealer about that new De Laval Separator you need. Production of new De Laval Separators is being stepped up rapidly as our manufacturing facilities, which during the war period produced thousands of De Laval Centrifugal Oil Purifiers for the U. S. Navy, Maritime Commission and war plants, are again available for the manufacture of De Laval Cream Separators. Yes... De Laval Separators are back from war and now is the time to see your De Laval Dealer about *your* new clean-skimming, long-lasting, money-making De Laval. The size and style you need... at lowest cost per year of use. Talk with your De Laval Dealer.

4000 U. S. Ships were protected by 8000 De Laval Centrifugal Oil Purifiers... made by the same men and machines that build De Laval Cream Separators and much the same in principle and operation.

DE LAVAL MILKERS FOR BEST MILKING

DE LAVAL MAGNETIC SPEEDWAY MILKER

Correct, uniform milking *always*. Pulsations controlled by magnetic force... milking speed and action never varies ...cannot be changed... and provides best, fastest, cleanest milking.

DE LAVAL STERLING MILKER

De Laval-quality milking at lower cost. Pulsator has only two moving parts. Complete Sterling outfits...or Sterling single or double units for De Laval Better Milking on your present milker pipe line.

New! DE LAVAL SPEEDWAY MILKING TRUCK

The De Laval Speedway Milking Truck will enable you to obtain the utmost efficiency, convenience and good results from your De Laval Fast Milking program. Sold complete with four white enamel pails and De Laval Strip Cup. Ruggedly built... finished in durable white enamel...and equipped with strong, rubber-tired wheels. It's a *must* for *best* milking. See your De Laval Dealer.

THE DE LAVAL SEPARATOR COMPANY

NEW YORK 6, 165 Broadway — CHICAGO 6, 427 Randolph St. — SAN FRANCISCO 19, 61 Beale St.

DE LAVAL

Blatchford's CALF MANUAL and Guide to Raising all Young Stock

Interesting . . . valuable to every livestock feeder. Contains a wealth of factual material . . . special information on feeding pigs, lambs, colts, kids and rabbits. Complete score card for judging dairy breeds . . . illustrates how to fit a calf for show. Feeders, 4H and FFA members—get your FREE copy now.

MAIL COUPON TODAY

Blatchford's ESTABLISHED IN 1900 WAUKEGAN • ILLINOIS "Good to the last drop" Dept. O

Please send me FREE Blatchford's Calf Manual.

I raise (No. of) Dairy Cows____ Beef Cattle____ Pigs____ Horses____ Lambs____ Goats____ Rabbits____

NAME____

TOWN____ STATE____

MY FEED DEALER IS____

BLATCHFORD'S PELLETS rich in essential nutrients, promote maximum development for calves and all young stock.

BLATCHFORD'S NUTRI-TABS prevent and control nutritional calf scours. Made according to formula developed by The University of Wisconsin. Ask your feed dealer for Blatchford's Pellets and Nutri-Tabs.

536

THE WORLD'S FINEST MILKING EQUIPMENT

THE Condé MILKER

The Conde' Milker is designed to produce clean milk with low bacteria count.

The milk ways from the teat cups to the pail are large, straight, smooth, and free from screw caps or plugs.

The pail cover is smooth, with no sharp corners or hard places to clean. The spigot extends through the cover to prevent the milk from running across the lower side of the cover and being drawn into the vacuum line.

The claw is designed with large straight-through milk ways for fast milking and easy cleaning. All milk passages are ground and polished.

The patented Conde' condenser cup in boss on cover prevents milk vapor from being carried into the stanchion air tube and pipe line.

The wide-bottom pail with rigid handle is not easily tipped.

THE WORLD'S FINEST MILKING EQUIPMENT

Condé Milking Machine Co. Inc. Sherrill New York

No Soft Corn Cattle Rush

CATTLE on feed January 1, this year, are estimated at 4 per cent less than a year earlier. The total of 4,157,000 head on feed, in all important states, is 5 per cent above two years ago and over 2 per cent above the five-year average, 1940-44.

The estimate of fewer cattle on feed this year is a reversal of the former estimates that have been given out.

Farmers in the north-central group of states bought more cattle direct from ranches and thru the stockyards from July to December, 1945, than a year ago, by 7 per cent.

On the basis of this cattle movement, the Department of Agriculture estimated that cattle fed during this feeding season might be close to a record. They also warned that short-fed cattle might come to market in late winter and spring in record numbers.

But reports direct from feeders as of January 1 indicate many of these cattle are not on grain feed. Farmers' intentions to market also indicate no marked changes. In fact, a slightly smaller percentage was expected to be marketed, January to March, this year.

Cattle feeding in the 12 north-central states decreased 5 per cent, comparing January 1, 1946, with January 1, 1945. But states varied in numbers of cattle on feed.

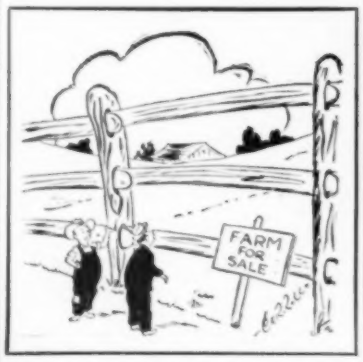
Iowa cattle feeding was reported as down 10 per cent below one year ago. Illinois feeders had 5 per cent fewer cattle in the yards. Missouri, Michigan and Kansas feeders also had fewer cattle on feed.

Nebraska feeders had 3 per cent more cattle on feed, January 1, compared with a year ago. Ohio, Indiana and South Dakota were also up, while Wisconsin and Minnesota showed no change.

Lamb Feeding Down Two Per Cent

Number of sheep and lambs on feed January 1, 1946, was estimated to be 2 per cent less than one year earlier. The 6,724,000 head was a 4 per cent smaller number than in the record lamb-feeding year of 1943, but about equaled the 1941-45 average.

In corn belt states, sheep and lamb feeding was higher on January 1 of this year than last year, in Wisconsin, Nebraska, Illinois, Indiana, Ohio and South Dakota. Fewer sheep and lambs were on feed in Iowa, Minnesota, Missouri and Kansas.



"Is the land fertile? Why, about three months ago I put up a four-foot fence—now look at it!"

GOOD FENCES Help Turn Run-Down Farm into a Money-Maker

RALPH WIGFIELD
Chillicothe, Mo.

"When my brother and I took over this 430-acre farm 13 years ago, it wasn't even paying the taxes. The crop land was run down, fences were poor and the farm carried very little livestock. But in three years' time we had the farm re-fenced so we could rotate the crops, raise more livestock and build up the soil with legume pasture. Since then, the crop yields have steadily improved, and we have a good-paying livestock setup besides—100 hogs, 30 beef cattle and 2000 feeder sheep each year. The farm now supports two families. Good fences sure pay!

Prefers RED BRAND for Longer Wear

"Most of our 3000 rods of woven wire fence is RED BRAND. We find it lasts longer, keeps repair expenses down, and costs less in the long run."

KEYSTONE STEEL & WIRE CO.
PEORIA 7, ILLINOIS

RED BRAND FENCE
—RED TOP STEEL POSTS—

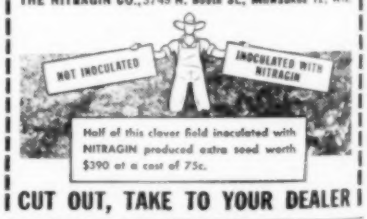
CUT OUT, TAKE TO YOUR DEALER

GETS RESULTS

● Farmers inoculate legumes with NITRAGIN for faster growth, bigger yields, for richer feed and better pastures. Because farmers know from experience, they have faith in NITRAGIN. Inoculate all alfalfa, clover, soybeans, lespedeza with NITRAGIN, the oldest and most widely used inoculant. It costs so little and helps so much to assure better crops and to save soil fertility. Use this as a reminder—have your dealer select the correct NITRAGIN culture for your legume planting.

FREE booklets tell how to grow better cash, feed, and soil-building crops. Write today.

THE NITRAGIN CO., 3749 N. Booth St., Milwaukee 12, Wis.



CUT OUT, TAKE TO YOUR DEALER

WHAT IS Methiosol?

See the next issue of Wallaces' Farmer

ROCK PHOSPHATE

Florida 32% P_2O_5 in bags. Super phosphate Potash when available. Granular Aero Cyanamid 20.6% nitrogen for plowing under, ship immediately. Soil mapping and testing service. Dealers and distributors wanted.

SCHROCK FERTILIZER SERVICE
CONGERVILLE, ILLINOIS

— BUY U. S. SAVINGS BONDS —

FRESH FISH
FROZEN, SALTED or SMOKED

Order direct. Only the choice of the catch are selected for our mail order customers.

Order your fish supply now while weather is cold. Save on shipping cost by ordering 100 lbs. or more. All prices F. O. B. Duluth.

TRY THIS LENTEN SPECIAL

100 lbs. of Fish: 20 lbs. Lake Trout, 25 lbs. Ling Cod, 10 lbs. Red Cod, 15 lbs. Sablefish, 30 lbs. Scaled Dressed and Headless Herring (Ready for the pan) — $20.50

One-half the above amount (50 lbs. of fish) — $11.00

25 lb. Box Fancy Pack Dressed Herring, per box — $2.75
25 lb. Box Fancy Pack Round Herring per box — 2.25
15 lb. Carton, Scaled, Dressed and Headless Herring — 2.50

DELICIOUS SMOKED FISH Ready to Eat (Smoked Daily) Packed in 10 lb. Cartons
Whitefish (Tulibees) — $3.50
Mullets — 2.50
Mullet Fillets (Delicious) — 5.00
Trout (chunks) — 4.50
Ciscoes — 5.00
Finnan Haddies, 15 lb. box — 5.75

Write for Free Catalogue and Price List

SIVERTSON BROS. FISHERIES
Bonded and Licensed Dealers. Producers and Distributors of lake and ocean fish.
362 Lake Ave. South
DULUTH, MINNESOTA

Swan-Finch OILS and GREASES

Add Life to Farm Machinery

Join farmers in 38 states now using Swan-Finch lubricants!—You too can profit from our 90 years know-how in making long-lasting oils and greases especially for farm machinery. Start using Swan-Finch lubricants NOW!

GOOD TERRITORIES OPEN for a few live-wire dealers. Write today!

SWAN-FINCH OIL CORPORATION
TRACTOR DIVISION
201 North Wells St., Chicago, Ill.

SWAN-FINCH

FREE 4 BIG PKTS.

PLUS T & T SEED DIGEST

WE SEND YOU FREE
- Sweet Pea, Orchid Flowered Spencer Mixed
- Baby's Breath, Annual, London Market
- Lettuce, Leaf, Grand Rapids
- Radish, Crisp, French Brkfst.

PLUS T&T SEED DIGEST

Finest Digest of Early Northern Improved Canadian and American Flowers and Vegetables Clip Ad.—Mail with your name and address. B

T and T SEEDS GRAND FORKS, N.D.

"MR. FARMER: Save Your Eyes!"

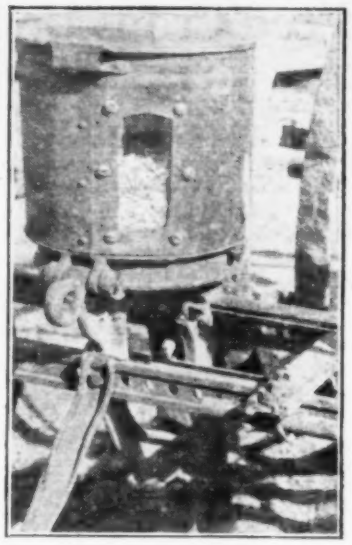
Here's real Eye Protection! Whether threshing, blowing, putting up hay, sharpening tools, shearing wood or engaging in any other type of farm work—the E-Z-FIT Plastic Eye Shield protects your eyes from dust, wind and flying particles. The E-Z-FIT is one piece, shatter proof, lightweight, self ventilated and affords full vision. E-Z-FIT is priced at $1.50 in clear for regular use and $1.75 in colored for use when sun is exceedingly bright. Wearable with or without spectacles. E-Z-FIT is sold by most hardware, drug store, implement and grain dealers. If your dealer does not have them, please order direct. Add 10c for packing.

R. W. KERR COMPANY
HASTINGS, NEBRASKA

CERTIFIED FRUIT PLANTS
Dug Fresh—Prepaid

Cross, Dunlap or Premier
$2.00 per 100, $14.00 per M
Gem, Everbearing
$4.50 per 100, $11.00 per 300
Surfer, Gem, Everbearing
$3.00 per 100, $ 8.00 per 300
Brilliant Black Raspberry
$1.50 per doz., $12.00 per 100
Paradise Asparagus 2-yr.
$1.25 per 25, $ 4.00 per 100
McDougall Rhubarb 60c each, $1.50 per 3
Pear Trees—Apple Trees—Order Now.

W. A. BENTS NURSERIES
CRESCO Fruits and Evergreens IOWA



Windows in corn planter boxes will save time and prevent thin rows. A handy man can fit old windshield or other heavy glass to planter boxes.

Less Corn In Farm Cribs

FARMERS' corn cribs contained about 9 per cent less corn on January 1, 1946, than on January 1, 1945. That's for all farms in the nation.

Iowa farm stocks of corn were down much more—21 per cent below 1945—according to the Iowa Crop and Livestock Reporting Service.

Larger oat supplies on farms partly replace the reduction in corn in both the nation and Iowa.

While corn supplies on farms in the nation were down about 192 million bushels, oat supplies were up 245 million bushels, comparing January 1 this year with last year.

Counting two bushels of oats as worth one bushel of corn for feeding, the extra oats would replace about 123 million bushels of the corn reduction.

Taking corn and oats together and figuring feed supplies on a corn equivalent basis, the supply on farms is down about 69 million bushels. That means a feed grain reduction on farms of about 3 per cent during 1945.

In Iowa, corn on farms was down 90 million bushels, January 1, this year, compared with January 1, last year. Oat supplies on farms were up 50 million bushels.

If the 50-million-bushel increase in oats will replace 25 million bushels of the Iowa corn reduction, Iowa farmers have 65 million bushels less of corn, or its equivalent, than a year ago. This is a reduction of 15 per cent.

Comparing the present supplies with the ten-year average, 1935-1944, stocks of corn and oats on the nation's farms, January 1, this year, were about 21 per cent higher on a corn equivalent basis. Iowa farmers have 2 to 3 per cent less than the 10-year average.

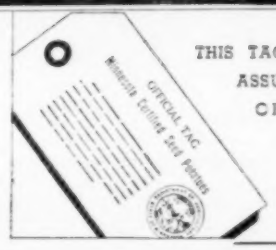
Rapid disappearance of corn is expected in the first quarter of 1946. By April 1, stocks may be down to pre-war levels.

Considerable portions of the northern corn belt are in much worse shape as to feed supplies than the national figures indicate. The distressed region includes Minnesota and much of the cash grain area of northern Iowa.

PHONE OR WRITE YOUR SINCLAIR AGENT ABOUT SPECIAL DISCOUNT OFFER

SINCLAIR FARM OILS

Minnesota Certified Seed Potatoes



THIS TAG IS YOUR ASSURANCE OF OFFICIALLY INSPECTED QUALITY

TAKE NO CHANCES
WITH YOUR NEXT
POTATO CROP!

Grow Minnesota Certified Seed Potatoes—which have also been grown from certified seed with Proper Planting, Proper Cultivation, Careful Harvesting and Proper Grading—under exacting requirements and in cooperation with this department. You take no chances with Certified Seed Potatoes grown in Minnesota, the center of seed potato production. They are vigorous, disease free, high grade and profitable. Try them this year!

FREE—Write for complete list of certified seed producers.

State of Minnesota
Department of Agriculture
Seed Potato Certification, Dept. D
University Farm, St. Paul, Minn.

U. S. SAVINGS BONDS MEAN A MORE SECURE FUTURE FOR YOU

NO PIPE LINES

Clean-Easy

VAC-U-GLASS MILKER

TODAY'S OUTSTANDING MILKER FOR SANITATION, FOR CLEAN, EASY MILKING

There are no pipe lines to install and keep clean with the new Clean-Easy Vac-U-Glass Milker. All that is eliminated! Instead you get a milker complete in itself . . . with sparkling glass milk containers . . . sanitation supreme . . . positive action pulsation in a vacuum in the pail milker. A compact milker available either on wheels or on track. Clean-Easy is fast, easy . . . a mighty fine machine!

See Your Dealer

Be sure to see this new Vac-U-Glass Clean-Easy! Ask for our new illustrated folder that explains in detail. Clean-Easy is manufactured by the Ben H. Anderson Mfg. Co., Madison 3, Wis. U.S.A. Dept. 412.

BEN H. ANDERSON MFG. CO.
Madison 3, Wis., U.S.A.

ENJOY FARMING WITH

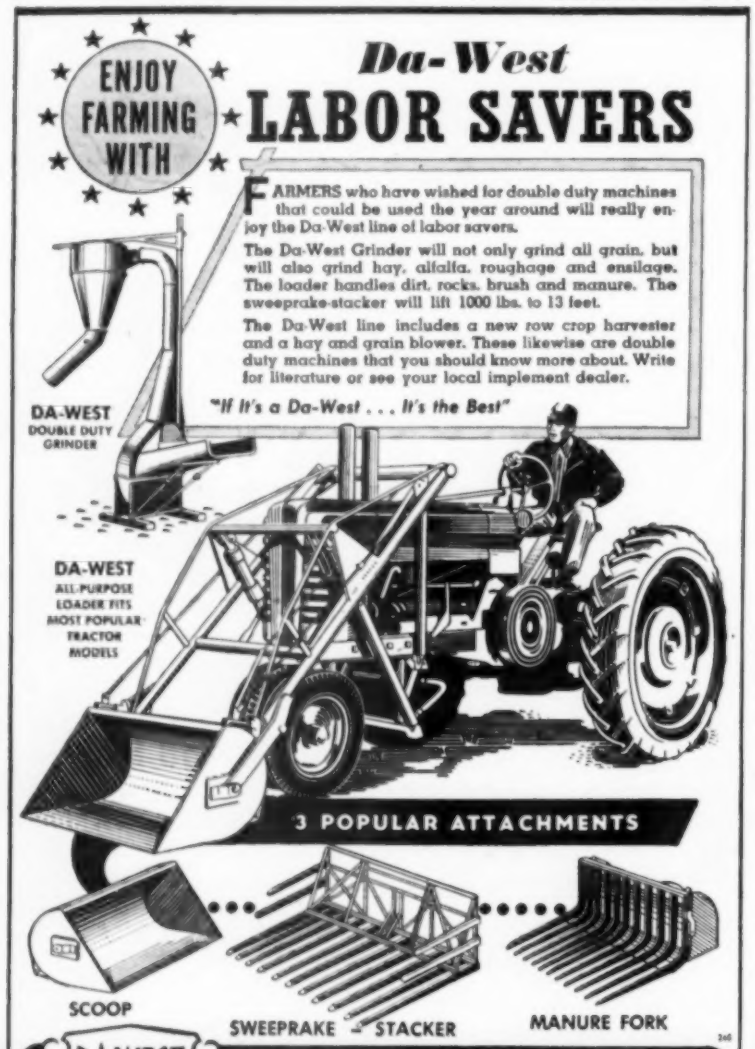
Da-West LABOR SAVERS

FARMERS who have wished for double duty machines that could be used the year around will really enjoy the Da-West line of labor savers.

The Da-West Grinder will not only grind all grain, but will also grind hay, alfalfa, roughage and ensilage. The loader handles dirt, rocks, brush and manure. The sweeprake-stacker will lift 1000 lbs. to 13 feet.

The Da-West line includes a new row crop harvester and a hay and grain blower. These likewise are double duty machines that you should know more about. Write for literature or see your local implement dealer.

"If It's a Da-West . . . It's the Best"



DA-WEST Products
DAVIS-WESTHOLT INC.
Manufacturers of Farm Machinery
1521 McLEAN BLVD. WICHITA, KANSAS

Feed Crops Up For 1946

CROP acreages for farmers in the first post-war year, as recommended by the U. S. Department of Agriculture, are based on a full-production schedule.

Acreage increases over 1945 are recommended for all feed crops and for grass acres. Oil seed crop acreages recommended are down slightly. This is for the nation.

Sows for spring pigs are recommended above last year's numbers. An over-all reduction in cattle numbers is recommended, which means more cattle feeding. An increase in sheep numbers is asked.

Milk, chicken, egg and turkey production for 1946 is recommended at a level considerably below 1945, however. This cut is to get in line with feed supplies.

In the four grains making up the feed crops, the corn goal at 96,760,000 acres for '46 is 4 per cent above the planted acreage in '45. Oat acreage is up 1 per cent, barley up 17 per cent, and sorghums up 9 per cent.

Corn gets the biggest part of the grain acreage increase, with 3,983,000 acres. Total increase in the other grains is 3,832,000 acres.

Soybean acreage for beans recommended for 1946 is 9,590,000 acres, compared with 10,873,000 in 1945. This is a 12 per cent reduction in soybeans. A 6 per cent increase in flax acres is asked for 1946.

Livestock goals, the USDA men say, are fixed as high as feed supplies will warrant, even with the increased feed grain goals.

Farmers are asked to keep 1.5 per cent more sows for spring litters. Cattle numbers are recommended to be reduced from 80,200,000 to 78,788,000. Sheep and lamb numbers on farms are asked to be increased from 44,800,000 to 45,624,000, or less than 2 per cent.

The biggest reductions asked in 1946 goals are in livestock products. The egg goal is about 15 per cent below 1945, and farmers are asked to raise 17 per cent fewer chickens. The milk goal is down 2 per cent.

For Iowa, the 1946 feed crop goals are all above 1945. Corn acreage asked is 11,300,000 acres—2 per cent up. Oat acreage at 5,700,000 acres is up almost 4 per cent. Tame hay is 4 per cent up in the recommended goals.

Soybean acreage asked for 1946 is 1,750,000 acres, almost 10 per cent below 1945. But 125,000 acres of flax is asked for, an increase of more than 21 per cent over 1945.

Iowa farm goals recommend smaller production of livestock and livestock products except in spring pigs and sheep and lambs. The same number of spring litters of pigs as in 1945 is recommended, and 7 per cent more sheep and lambs.

Reduction for Iowa in eggs produced is 22.5 per cent; chickens raised, 18.5 per cent; milk production, 3 per cent.

In announcing goals for 1946, Secretary of Agriculture Clinton P. Anderson said they "will provide the crops and livestock needed by our own people and take care of our obligations abroad."

Save Calves From WHITE SCOURS at little cost!

Ask your druggist for PENOVOXIL CAPSULES

Calves are now being saved from white scours and infectious diarrhea simply and inexpensively with Penovoxil* Capsules Squibb.

Penovoxil comes in easy-to-give capsule form. If infection is present, use two capsules three times daily for two to five days. To protect new-born calves from white scours, give three capsules orally—one every eight hours.

Penovoxil costs so little—trial bottle of 25, $1.75; economy-size bottle of 100, $6.50. Ask your druggist. If he isn't stocked, send check or money order for prepaid direct shipment. Include your druggist's name.

NOVOXIL OINTMENT For Local Infections

Novoxil* Ointment is effective for the treatment of injured teats, cuts, abrasions, ulcers and sores. Also helps eliminate hoof-rot and ringworm among livestock. Novoxil does its work by penetrating to the seat of the trouble, and at the same time maintains antiseptic action. Inexpensive. Get a tube or jar from your druggist today.

FREE BOOKLETS for farmers!

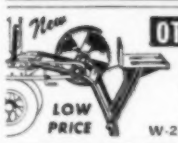
E. R. SQUIBB & SONS, Dept. WF 2 2
Veterinary & Animal Feeding Products Division
745 Fifth Avenue, New York 22, N. Y.
Please send the following free booklets:
☐ Saving Calves from White Scours
☐ Treating Local Infections in Livestock
☐ Curing Mastitis

Name _____
Address _____
Post Office _____ *State* _____
Name of Druggist _____
Address _____
**Trademarks registered*

SQUIBB — A NAME YOU CAN TRUST

FINE TESTED ALFALFA $20.50 Bu.
Grimm Alfalfa $23.00; Red Clover $21.70. Scarified Sweet Clover $8.25; New Timothy $3.25. Timothy and Alsike Mixed $6.00; New Strain Brome $3.50; Korean Lespedeza $2.60; Early Giant $4.95; Hybrid Seed Corn, tested, $4.25. Our seeds are cleaned, tested. Guaranteed satisfactory and sold subject to your 60-day test. Write now for Free Samples and 1946 Catalog. Hurry, scarcities exist.
AMERICAN FIELD SEED CO.,
Dept. 304, Chicago 9, Illinois

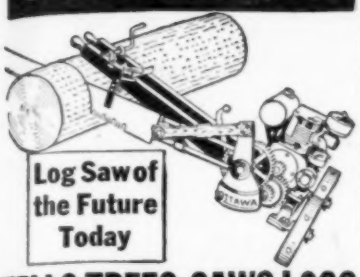
FISH
ROUND HERRING, frozen, per lb. . . 7½c
DRESSED HERRING, frozen per 50 lb. box $5.00
SMOKED BLUEFINS, 10 lb. carton . 1.80
We also have a number of other varieties. Send for complete price list today.
WISCONSIN FISHING CO.
Dept. 2, P.O. Box. 184, Green Bay, Wisc.



OTTAWA Wood Saw FOR TRACTORS
Fast wood sawing, quickly pays for self. Easily moved while attached. Big blade. Free folder.
OTTAWA MFG. CO.
W-228 Oak Ave., Ottawa, Kans.

WORMY PIGS? Dr. Hinrichs' Hog Powder. Feed its feed. 5 lbs. $2.00, postpaid. HINRICHS REMEDY CO., Walcott, Iowa.

GET BIG PROFITS from SMALL INVESTMENT
OTTAWA
6 H-P LOG SAW



Log Saw of the Future Today

FELLS TREES, SAWS LOGS
Buzzes Up Small Limbs Fast—Easy

Demand for wood increases! Prices are higher than ever before. You can make real money sawing wood, if you have an Ottawa. Equipped with an easy to start, air-cooled 6 H-P engine. Designed for easy handling. Complete one-man machine with safety Saw Guide and other exclusive Ottawa features for fast sawing.

USE FOR OTHER JOBS — when not sawing wood, use engine for any belt job. Thousands in use. FREE BOOK and price list at your request. Write today.

OTTAWA MANUFACTURING COMPANY
228 Pine Street Ottawa, Kansas

All About
MULES

ONLY 25¢ FOR THE MOST IMPORTANT BOOK EVER WRITTEN ABOUT THEIR HISTORY, BREEDING AND CARE

Latest figures show values averaging $133 per head. Increasing feed crops favor continued use of mules for a long time.

Mules rank high as dependable, long-lived, profitable work animals. You should know more about them.

This new book gives facts every farmer should have. Send for your copy (only 25c) today.

Horse & Mule Assoc. of America, Inc.
WAYNE DINSMORE, SECRETARY
407 S. DEARBORN ST. DEPT. M
CHICAGO 5, ILLINOIS

WHAT IS Methiosol?
See the next issue of Wallaces' Farmer

At Last! A SELF-CLOSING DOOR HOGS CAN OPEN

Hogs will not foul small pens when equipped with Hog Sense Automatic Door Attachments. Keeps pen dry, clean, sanitary and free from drafts, no danger flu, pneumonia. Week old pigs can operate. Easily attached. Costs little. Write for literature.

Bowers Mfg. Co., Wahoo, Nebr. Box 20

GOLDEN RUST PROOF OATS

Amazing variety has everything! Resists crown, stem or leaf rust, also loose and covered smuts, stands stiff, maximum length straw. BIG MILLING, sweet, fine flavor, yields well by 2's to 60 cwt. in 3 out of 5 years. EARLY MATURING. Prices low. Free catalog tells more, many finished. Also Corn, Grass, Legume, Vegetable varieties, all seeds. Write today.

BERRY SEED CO., Box 204, CLARINDA, IOWA

FREE 1946 CATALOG

52 pages of new and used tract r repairs for most all models. Unusually large selection. Quality guaranteed. Dependable service. Low prices.

ACME TRACTOR SALVAGE COMPANY
LINCOLN NEBRASKA

CANVAS COVERS—New Low Prices

12 oz. treated, fire resistant, waterproofed; made of used Government tents. 8x9 ft. $4.00. 8x16 ft. $7.15; 12x16 ft. $10.75; 16x24 ft. $21.45. Grommetted; Other sizes. 25% cash with order.

Harris Machinery, 557 30th Ave. S. E., Minneapolis

8 exposure rolls 25c; over 8 exposures 40c, for one Velox print each and Free enlargement coupon. Reprints 3c, minimum 25c. Fred I. Eastman, Bode, Ia.

Service Bureau

Child's Wages Are Deductible

A major change in federal income tax regulations which will perhaps benefit a number of farmers is one which permits the farmer to deduct from his income reasonable wages actually paid by a father to his child who lives at home.

The wage payments must be for personal services actually rendered as a bona fide employe in the conduct of the business or production of income. They are deductible the same as any other business expense.

If the child earns more than $500, or uses the wages to provide more than half of its support, the parent can not claim it as a dependent; and if the child earns over $500, it must file its own tax return.

This ruling is retroactive to December 31, 1943. Farmers who have not deducted such wages since that date can file an amended return and claim any refund due.

Farmers who have filed only an estimate of 1945 taxes have until March 15, 1946, to file their final and complete 1945 returns. Any wage payments made to a child, which would be deductible under the new ruling, could be taken into account in making the final 1945 report.

Trouble Over School Consolidation

Some residents in two school sub-districts in our county and the board of a consolidated school in another country want to annex the sub-districts to the consolidated district. The merger was defeated in an election. They tried to hold another election, but were stopped by a court injunction.

Can they hold another election and take just part of the sub-districts, leaving out residents opposing consolidation, and thus win? Is the county line any barrier to consolidation?

There's nothing to prevent interested residents from proceeding under Iowa law to petition the county superintendent of schools to call an election to take in part of the two sub-divisions involved—leaving out some of the residents who are opposed to consolidation.

The only limitation is that the territory not taken into the consolidated district is left with not less than four sections of land in the school corporation.

The county line is not a barrier to consolidation of territory from one county into a consolidated district of another county.

Chapter 209 of the Iowa Code specifically provides the method of crossing county lines in such cases. A copy of the Code may be inspected at the offices of the various officials in the county courthouse.

Ful-O-Pep Fed Hogs
WIN CARLOT CHAMPIONSHIP
for 3rd Straight Year at Chicago
Champions in Two out of Three Carlot Divisions were Ful-O-Pep Fed

GRAND CHAMPION CARLOT of hogs at the 1945 Chicago Fat Stock and Market Show was this load owned and shown by George E. Hoffman and Son, Ida Grove, Iowa. They were fed a ration of hulled oats and ground corn, along with Ful-O-Pep Pig Starter and Ful-O-Pep 40% Hog Feed Concentrate. The sows that farrowed these pigs were fed Ful-O-Pep Pig-N-Sow Feed. Hoffman's 1943 and 1944 Grand Championship Carlots at Chicago were also fed on Ful-O-Pep.

FIRST PRIZE CARLOT of hogs in the heavyweight division over all breeds at the 1945 Chicago Carlot Show was owned and shown by W. W. O'Bryan, Hiattville, Kansas. Farrowed by Ful-O-Pep fed sows, and started and grown on Ful-O-Pep. O'Bryan won this same class last year with a Ful-O-Pep fed carlot.

LIKE MANY OTHER successful hog raisers, you too may benefit from feeding vitamin-rich Ful-O-Pep Feeds. The consistent year-after-year winnings at leading shows by Ful-O-Pep fed carlots is outstanding proof of the kind of a feeding job that Ful-O-Pep Feeds help you do.

SO JOIN the ever-increasing group of outstanding hog men who are switching to Ful-O-Pep to give them championship results in feedlot and showring. See your Ful-O-Pep dealer today for more information, or write to The Quaker Oats Company, Chicago 4, Illinois.

FUL-O-PEP
PIG-N-SOW FEED
PIG STARTER
HOG FEED CONCENTRATE
FEEDS FOR PORK PROFITS

KETCHAM KOMBINATION
New FOR FORD Tractors

Upright or Pushing Position
Towing Position

FREE Replacement If You Can Break It!

Entire Front End PROTECTOR
Full Coverage BUMPER
Full Power PUSHER
Safe Hinged TOW BAR

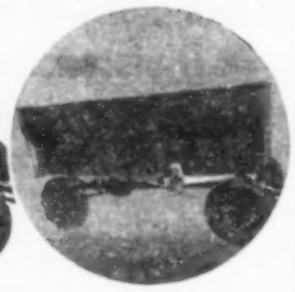
FARMERS The Ketcham Kombination protects your irreplaceable Ford tractor from collisions and makes it towable by one person any place, any time. Patent pending. See your dealer or write:

DEALERS See or write us about the dealer franchise for your territory while this is hot. Do it now!

ELMER KETCHAM, SPENCER, IOWA

Behlen HYDRAULIC WAGON DUMP GOES where the job IS!

Below . . .
Showing wagon ready for loading. Behlen Hydraulic Wagon Dump fits snugly under box. When you're ready, up comes the dump arm—out comes the load, as at left.



NEWEST IDEA IN MODERN FARMING Just imagine it—a low-cost **hydraulic** dump that is part of your wagon. Goes where your wagon goes, no matter **where** the job is. Drive up to your permanent cribs, or to the new portable elevators in the field, or into town. Then—presto! Your Hydraulic Wagon Dump tilts the wagon box quickly, easily.

Notice that only the wagon box is lifted—not the whole wagon. Saves wagon frame from stress and strain. And, because the front wheels and tongue remain on the ground, there's no need to unhitch horses or tractor.

THINK WHAT THIS MEANS TO YOU! No tiresome time-killing unloading by hand, or hitching and unhitching for old-fashioned elevator type dump, or moving overhead dump. You can dump 2½ **tons** in only 90 seconds—with the Behlen Hydraulic! Not only that, but you save money—both in your time, and in the purchase price. Surprisingly low in cost.

ADJUSTABLE — FITS MOST ANY WAGON. Fits most plain or flare-type standard wagon boxes, with little or no adjustments. You can install it yourself in a few moments—or have your dealer do it. Lasts a lifetime. Nothing to get out of order. Only one moving part, besides the standard 8-ton type hydraulic jack. The jack can be detached from the dump by removing only one bolt.

WHERE TO BUY. If your implement dealer doesn't have Behlen Hydraulic Wagon Dumps, write to us. Simply fill out the coupon below, and we'll send you complete information. No obligation, of course, so mail it in, today!

Made only by BEHLEN MANUFACTURING CO., Columbus, Nebr.

FILL OUT AND MAIL TODAY

Behlen Manufacturing Company, Dept. 2
Columbus, Nebraska

Without obligating me in any way, please send me further details about the economical, reasonably priced Behlen Hydraulic Wagon Dump.

Name .....

Route .....

Town ..... State .....

Take a good look at this Red Indian trademark. It identifies the products of *Potash Company of America* . . .

60% Red Muriate of Potash-granular
60% Red Muriate of Potash-standard

PCA is celebrating its 10th year as a producer of high grade muriate. Its products are time-tested. Remember this trademark . . . it's important.

Trademark Reg. U. S. Pat. Off.

P.C.A.

The SALT of the EARTH

RED MURIATE

FERTILIZER MANUFACTURERS HAVE THEIR HEADACHES, TOO.

"Making" fertilizer consists of buying materials, blending them with skill, science and accuracy into a complete finished product in good mechanical condition.

Sounds simple . . . but wait. Think of material shortages, transportation difficulties, lack of labor, storage, and so on. Despite these headaches fertilizer manufacturers have really "come through" . . . more credit to them. P. C. A. hereby gives them a great big round of applause.

Help Your Fertilizer Manufacturer Help You By Getting In Your Mixed Fertilizer Early

POTASH COMPANY OF AMERICA
CARLSBAD, NEW MEXICO

GENERAL SALES OFFICE . . . 50 Broadway, New York 4, N. Y.
MIDWESTERN SALES OFFICE . . . 612 Lehmann Bldg., Peoria, Ill.
SOUTHERN SALES OFFICE . . . Mortgage Guarantee Building, Atlanta, Ga.

Copyright 1946, Potash Company of America

PUTTING MONEY INTO SOIL IMPROVEMENT IS LIKE PUTTING MONEY IN THE BANK

Good Year For Elevators

OVER 1¾ cents per bushel of grain handled was earned in 1945 by the Grain Department of the Farmers Grain Dealers Association of Iowa. This money is patronage dividends due the 320 elevator members.

The total earnings of $480,000 on over 25 million bushels of grain handled was reported by Secretary Don E. Edison to the delegates at the annual meeting, January 24-26, at Des Moines.

The Grain Department of the Farmers Grain Dealers Association is a wholesaling unit that handles grain for farmers' elevators. Fred Maywald is manager.

Established in May of 1943, the Grain Department earned $148,000 for its members in the latter half of that year. In the full year of 1944, earnings were $399,000. And in 1945 the earnings jumped 20 per cent, to $480,000.

This money belongs to the local elevators. Their delegates can require that the money be pro-rated to the elevators according to business done. The elevators, in turn, would pro-rate the money to the farmers who sold the grain.

A part of the earnings in the past have been used to expand the services of the parent organization to its individual members. The purchase of a terminal elevator and office building in Des Moines is an example.

In July, 1945, the elevator members of the Farmers Grain Dealers Association bought a terminal elevator in Des Moines, with more than 900,000 bushels capacity. In September, 1945, the elevators added an office building at 1101 Walnut street, in Des Moines.

General offices of the association have been established in the building at Des Moines, and the offices of the Farmers Elevator Insurance Companies will be moved from Fort Dodge to Des Moines as soon as extensive remodeling, now under way, is completed.

Improvements are also underway at the terminal elevator. A new "head house" is expected to double the volume of grain the elevator will handle by speeding up operations.

A new corn drier that will handle 1,000 bushels per hour is expected to be in operation within two weeks. This will enable the terminal to give better service to its member owners in handling wet grain.

The Farmers Cooperative Company at Pocahontas, Iowa, Eldon Anderson, manager, sent the most grain to the Grain Department in 1945, it was reported at the meeting. This elevator contributed over 750,000 bushels of the more than 25 million bushels handled by the wholesaling department.

Membership is increasing in two ways, according to reports at the annual meeting. More farmers are joining local elevator cooperatives and more elevators are using the services of the state association.

Elevator members of the Farmers Grain Dealers Association were reported at 310 last year. Now, 320 are listed as members, which is about 96 per cent of the farmer-owned elevators in Iowa.

PLANNED FARMING IS GOOD FARMING

PLAN FOR TODAY

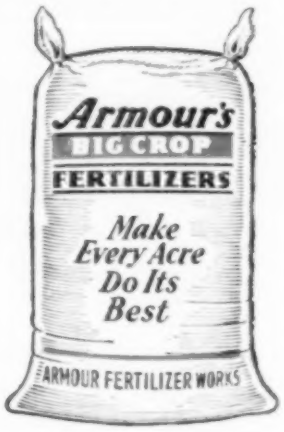
by fertilizing your cash crops with Armour's BIG CROP Fertilizer! Tobacco, cotton, corn, vegetables, wheat and other small grains—all need the quick, balanced feeding you will get from Armour's. The proper analyses for your soil, well aged, dry and drillable, are available from your nearby Armour Agent. Order now!

PLAN FOR TOMORROW

by applying Armour's BIG CROP Fertilizer on pastures and haylands. Better animal health and growth, more milk and meat, extra weeks of grazing, make complete pasture fertilization pay.

PLAN FOR NEXT SEASON

too, with a sound program of soil conservation. Rotate crops, terrace sloping fields and plant in contour strips. Use Armour's BIG CROP to help legumes get a good start and reinforce their soil-building work.



ORDER NOW - DON'T DELAY

Late orders may be delayed. Don't take a chance. Place your order at once with a nearby Armour Agent.

ARMOUR FERTILIZER WORKS

This Year OWN A

PAPEC

MAN-SAVER

Papec production has increased steadily and as a result more farmers will be able to enjoy Papec's labor-saving features this year.

The Papec Hay Chopper-Silo Filler chops and elevates all hay crops—dry, green or semi-cured—faster and cheaper with less help. With its man-saving all-crop feeder, it also chops and stores straw direct from thresher or after combining; handles all silage crops; shreds fodder and elevates feed grains.

Two men with a Papec will put up dry, chopped hay faster than three men can handle long hay with fork or slings—and no one works in the hot, dusty mow. For handling grass silage, Papec's non-clog elevation saves time and tempers.

The supply of new Papecs is still limited, so see your Papec dealer promptly.

Papec Machine Co., Shortsville, N. Y.

PAPEC

HAY CHOPPER-SILO FILLERS
HAY HARVESTERS • ENSILAGE CUTTERS
SILAGE HARVESTERS • CROP BLOWERS
HAMMER MILLS • FEED MIXERS

TOUGH JOBS *EASY NOW* with SARGENT

HEAVY JOBS ARE LIGHT, slow jobs are quick with a Sargent Hydraulic Loader on your tractor. Loads manure, grain, lumber, cement, etc. Digs ditches, pulls posts, excavates. Hundreds of odd jobs. Also BULLDOZER and HAY SWEEP attachments. Makes your tractor a power-house on wheels. Built for lifetime service. Send for FREE Giant Size Illustrated Folder. McGRATH MFG. CO., E42 4680 Leavenworth St. Omaha 6, Nebraska.

WHAT IS *Methiosol?*

See the next issue of Wallaces' Farmer

High Testing ALFALFA $20.40 Grimm Alfalfa $23.40; Red Clover BU. $21.60; Alsike $21.60; Sweet Clover Scarified $8.40; Unhulled $4.20. New Timothy $5.20; Alsike and Timothy $5.95; New Strain Brome $3.50; Korean Lespedeza $2.50; Early Giant $1.90 high quality. All per bushel, triple reclaimed, plus tax $4.25. Guaranteed satisfactory. Free catalog. Frank Sinn, Box. 404, Clarinda, Ia.

MALE HELP WANTED
Opportunity of lifetime supplying DDT and other insecticide products to farmers. No experience or capital required. Must have auto and good references. Write or wire
AMERICAN COMPANY, Dept. 696, FREEPORT, ILLINOIS

NEW AND USED TRACTOR PARTS: Write for our free 1946 catalogue; tremendous savings, satisfaction guaranteed.
CENTRAL TRACTOR WRECKING COMPANY
Des Moines 3, Iowa

PEACH TREES 9c, APPLES 15c. SEND CATALOG other fruit trees, plants, shrubs before buying. Salesmen wanted. Baker Nurseries, Bigginson, Arkansas.

When writing to advertisers, will you please mention this paper.

First Aid for Stock

Is Milk From Bang's Reactor Safe?

To the Editor: We had our flock tested for Bang's disease. We had one reactor, and this cow now has a calf a few days old. Will we get a fever from using the milk?—B. E., Washington County, Iowa.

There is always danger that the milk from cows positive to the Bang's test will transmit undulant fever to human beings. It may be contracted from drinking the milk, or thru cuts in the hands of the one who is handling the cows.

The fact that the cow did not abort her calf does not prove that the cow does not have Bang's disease. It is well known that many cows suffer from the disease, yet do not abort when they become pregnant.

Properly conducted, the blood test is the best means we have of determining whether a cow has the infection known as Bang's disease. A positive reaction puts the cow under suspicion.

The milk may have the germs in it. Only a bacteriological test will prove that for sure. There is no safety, however, in testing the milk from an infected cow. A sample of milk taken at one time may show no germs, and another sample, taken at another time, may contain the organism.

This infected cow presents some danger to other cattle in the herd, as well as the danger of undulant fever to folks who use the milk or handle the cow.

Calf Has Dandruff In His Hair

To the Editor: My son is feeding a calf that seems to have an excessive amount of a scaly, dandruff substance in his hair. The calf has a desire to scratch a good deal of the time. I treated him by giving him a hot dip bath, using a 60-to-1 solution. Help will be appreciated. — G. W., Adams County, Iowa.

There are several possible reasons for the calf showing dandruff or scurf in his coat.

First, it might be lice or mange. For either, the treatment you are giving—hot dip—will be effective if you get the hair soaked to the hide.

Second, the calf may have a nutritional disturbance. Under those conditions it is called "ketosia." Animals suffering from that trouble need a ration high in sugars and grains. If the calf is getting plenty of grain, this may be dismissed as the cause.

Third, the trouble with the calf may be a failure to digest its feed properly. For this trouble, a bran mash may be beneficial.

Scald a half-gallon of bran in a bucket. Add a handful of linseed oil meal. Offer this bran mash to the calf two or three times a week. Add some oats or shelled corn to get him to eat the mash. Keep the bowels rather laxative with this kind of feeding.

Funk's "G" germination testing is the careful, thorough way of taking samples from every lot of seed and planting them experimentally—to be sure the Funk's G-Hybrids you plant this spring will germinate and get off to a good START.

Taking No Chances With YOUR Seed Corn

Look for the tag on the Funk's "G" Bag! Every lot of Funk's G-Hybrid seed is *startability proved* before it is bagged, to bring you results like these:

1. A good full stand on every acre—
2. Rapid early growth of vigorous plants—
3. A head start on weeds—
4. Chance for early cultivation

And you can DEPEND on the quality of Funk's G-Hybrid to compare favorably with other seed available for planting this spring.

FUNK'S "G"—CONSISTENTLY GOOD YEAR AFTER YEAR

FUNK'S G HYBRIDS

FUNK'S G

FUNK BROS. SEED CO., BELLE PLAINE, IOWA

Associate Growers: J. C. Robinson Seed Co., Waterloo, Neb.—Golden Farms, Cordova, Ill.

MORE TELEPHONE SERVICE for Farmers

We know what the telephone means to farm families—how much it is needed to help produce and market crops—keep in touch with friends—get help in emergencies.

That's why the Bell System is going full speed ahead on a $100,000,000 program to extend and improve rural telephone service.

NORTHWESTERN BELL TELEPHONE COMPANY

SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

SAVE GRAIN!

Cut Your Corn in HALF!

CORN AND SARGENT GO TOGETHER LIKE POTATOES AND GRAVY

● Feed lot tests show corn savings of nearly HALF when hog rations are properly balanced with proteins and minerals. Save that valuable corn. Ask your dealer about—

Sargent MultiRICH

Minral Meal

the Corn-Saving Supplement

● Now stepped-up with EXTRA animal proteins for still greater hog feeding value—Minral Meal can mean more in your hog lot this fall than ever before. More than 20 balancing ingredients in one blend, to help save corn, time, money. Proteins, minerals, vitamins, all in one bag, at one low cost.

SAVES WORK, TOO

● No mixing or bother when you balance grain rations with Minral Meal. Just put it before your hogs, and they do the rest. Try it and see how it can help save corn, help push your hogs fast. Ask your dealer about our famous no-risk trial offer.

FEED SARGENT FEED

SARGENT PLANTS, Des Moines
Monmouth, Ill. Fremont, Nebr.
Waverly, Mo. Algona, Iowa

Farm Folks...
...Make Farm News

Corn for Hollanders is being unloaded at the grain elevator in Adel, Iowa. Vern Danilson, left, and Rev. Paul Miller, pastor of the Church of the Brethren, watch the yellow grain go up the elevator.

Pastor Helps Get Feed To War Victims

Rev. Paul Miller, pastor of a rural church in Dallas county, Iowa, started a movement which resulted in sending a carload of corn to the war-devastated people of Holland.

The Church of the Brethren, located northwest of Adel, was assisted in sending the grain by members of the Methodist and Christian churches of Adel and the county Farm Bureau.

Farmers donated 650 of the 1,800 bushels of corn in the car. The remainder was bought with money donated.

The services of the Vern Danilson elevator at Adel were also donated. The employes received, shelled, and loaded the corn in the car.

Miller received a wire, Thursday, January 17, saying that the corn had arrived in Baltimore and would be dried down to 14 per cent moisture before being sent overseas.

Tenant and Landlord Agree 42 Years

John Sanborn, a farmer living in Buena Vista county, Iowa, will break up a 42-year tenant-landlord continuous relationship when he retires and moves to Storm Lake this spring.

For 36 years, Sanborn had lived on the J. C. Brown farm, near Storm Lake, Iowa. Brown died in 1936, but Sanborn continued to rent from the heirs.

Prior to the 36-year tenure on the Buena Vista county farm, Sanborn had rented another farm from Brown for six years, making a total of 42 years.

DESIGNED FOR THE MODERN FARMER

BUILD UP WORN PARTS
Plowshares, cultivator bits, clevices and parts subject to wear are inexpensively built up with Marquette hard-surfacing welding rods. Makes worn parts like new.

The Marquette Farm Welder is designed to take all Farm Welding Jobs in stride with its wide range of 20 to 180 amperes. It is simple to operate, with no moving parts to wear out or get out of order.

WELD BROKEN FARM MACHINERY
Make quick, dependable welds on broken tractors, cultivating and harvesting equipment. Saves valuable time and money all year 'round. Use your Marquette Farm Welder to inexpensively build everything from sheet metal tanks to conveyors and hay hoists.

WRITE FOR FREE FARM WELDING BOOK
MARQUETTE MFG. CO., INC.
Minneapolis 14, Minnesota

MARQUETTE Farm welders
REGISTERED U.S. PAT. OFFICE
FULLY EQUIPPED NO EXTRAS TO BUY
LISTED BY UNDERWRITERS' LABORATORIES. MEETS R.E.A. and N.E.M.A. REQUIREMENTS

"Dad, Our RITE-WAY Milks 'em All in Half the Time!"

If You Milk Six Cows or More, You Can Make Money With a Rite-Way

No longer is it necessary to milk a big herd to make a milking machine "pay out." Thousands of dairy farmers with only 5 or 6 cows are finding the *Rite-Way* milker just as practical as dairy farmers who milk 50 cows or more.

What's more they've found that modern, fast milking with Rite-Way not only cuts chore time, but also increases milk production and milk checks . . . helps safeguard delicate udders.

Simplicity is the Secret

The Rite-Way milker is noted for its simplicity, its economical, trouble-free operation, and its gentle, calf-like milking action.

More than 100,000 dairy farmers testify to the satisfactory results of the Rite-Way Milking method. Its economy and profitable operation have been demonstrated on both large and small herds. Rite-Way gives you *more milker* for less money.

See Your Dealer

See your dealer now! Or write us for his name and free copy of the new booklet on Rite-Way Fast Milking.

RITE-WAY PRODUCTS COMPANY
1241 Belmont Ave., Dept. W, Chicago 13, Ill.
Eastern Br: 248 W. Jefferson, Syracuse 1, N.Y.
Southwest Br: 11 W. Reno, Oklahoma City, Okla.
Southeast Br: 587 W. Whitehall St., Atlanta, Ga.
Coast Distr: Rudiger Lang Co., Oakland 12, Cal.
In Canada: Massey-Harris Company, Ltd.

RITE-WAY MILKER

AMERICA'S FAST MILKER

KIND TO SKIN!

Minor wounds, cuts and scratches on teats and udders invite infection. Treatment requires a proven antiseptic. **SPOHN'S ANTISEPTIC UDDER-AID** kills germs on contact, yet it is kind to chafed, chapped, raw and tender tissues. So bland and soothing it can be used on tenderest skin. Never hard or sticky in cold weather—spreads easily—ideal for massaging congested udders. Test at our risk! 60c at your drug store. If you are not 100% satisfied, the druggist will refund your money.

SPOHN MEDICAL COMPANY
Goshen, Indiana

SPOHN'S ANTISEPTIC UDDER-AID

Beware Coughs from common colds That Hang On

Creomulsion relieves promptly because it goes right to the seat of the trouble to help loosen and expel germ laden phlegm, and aid nature to soothe and heal raw, tender inflamed bronchial mucous membranes. Tell your druggist to sell you a bottle of Creomulsion with the understanding you must like the way it quickly allays the cough or you are to have your money back.

CREOMULSION
For Coughs, Chest Colds, Bronchitis

Dependable Hybrid Seed Corn

Iowa 939, 4316, 4297, 306; U. S. 13, U. S. 37, 608; Joslin's special 606A; white 33J, 44R. A good number for all corn growing sections. High yielding, good feeding corn top quality seed at reasonable prices. Tama seed oats, Lincoln soybeans. Dealers wanted. Write for catalog.

ALLEN JOSLIN SEED FARMS
HOLSTEIN, IOWA

FENCE at FACTORY PRICES FREIGHT PAID

Farm, Poultry Fence. Heavy weights now available. ALL GALVANIZED. LOWEST PRICES. Barb Wire, Steel Posts, Electric Fence, Roofing, Paint, Farm Supplies. Write today!

200 STYLES TO CHOOSE FROM — SEND FOR FREE Catalog

INTERLOCKING FENCE CO.
Box 126 Morton, Illinois

RHEUMATISM

ARTHRITIS NEURITIS SCIATICA

Why continue to suffer the agonizing pains of these diseases when the usual remedies have failed. Learn about a new trustworthy, modern, non-surgical treatment method. This marvelous treatment is completely explained in the Ball Clinic's FREE Book. Write today. No obligation.

BALL CLINIC, Dept. 3600, Excelsior Springs, Mo.

EARN MORE MONEY!

Civilian needs require unlimited amount of feathers. Top selling prices. New goose $1.37½ lb. New duck $1.10 lb. Highest prices for goose and duck quills (wing and tail.) Send samples of used feathers for quotation. **We pay all your shipping charges.** Refunds for postage and express guaranteed.

SHIP TODAY—CASH TOMORROW

MIDWEST FEATHER CO.
2917 S. LaSalle Street Chicago 16

FEATHER BEDS urgently needed. Old and New Goose and Duck feathers wanted immediately for many essential needs. Ship at once for prompt payment. We return your ticking, if wanted, and also refund your postage. If you prefer, mail us first a small sample of your feathers in ordinary envelope for top price with our complete shipping instructions and tags.

NORTHWESTERN FEATHER CO.
210-212 Scribner NW., Grand Rapids 4, Michigan

FIRST PRIZE SOYBEANS

First Premium LINCOLN beans in 1944 in Northern Illinois District for Yield and Purity; no entry in 1945. Certified, $3 per bushel, bagged F. O. B. Ottawa. Germination 97%.

WILLIS THORSEN, Route 2, Ottawa, Illinois

BUY BONDS AND STAMPS TODAY !!

Leaves Iowa Rollie Pemberton, field secretary of the Iowa Swine Producers Association since October 1, 1937, has resigned. He will become secretary of the American Hampshire Swine Registry, with headquarters at Peoria, Ill. Pemberton will attend the annual meeting of the Iowa Swine Producers Association, at Ames, Tuesday, February 12, and will take up his duties at Peoria on February 15.

When Thistles Don't Seed

Canada thistle has male flowers on one plant and female flowers on another. If both male and female plants are not growing together in the same patch, there will be no pollination and no seed.

This explains why farmers often report that Canada thistle does not produce seed in their area. The thistles on their farms are all male or all female.

Canada thistle will spread, however, from unpollinated patches. New shoots are sent up from the creeping root system at intervals as the roots grow away from the plant. Small pieces of the roots will start a new plant if carried to another part of the field by machinery.

Control of this noxious weed is accomplished thru starvation of the root system by frequent destruction of green top growth. Chemicals are practical for small patches.

Wet Season Favors Sow Thistle

Wet seasons have given perennial sow thistle a new foothold in the corn belt. It grows in cultivated fields and wet places.

A full-grown plant is about two feet high. It has yellow flowers, and the leaves have short bristles with the general appearance of wild lettuce leaves. The plant contains a milky juice.

Sow thistle spreads from seed and underground root-stocks. The methods of eradication are similar to those for Canada thistle. Starve the roots by preventing the top growth. Summer fallow may be necessary one year, after which row crops and clean cultivation may do the job.

Chemicals may be used to eradicate small patches of sow thistle. The new hormone sprays are being tried on perennial weeds and may bring the cost down to a point where this method will be practical for larger areas of infestation.

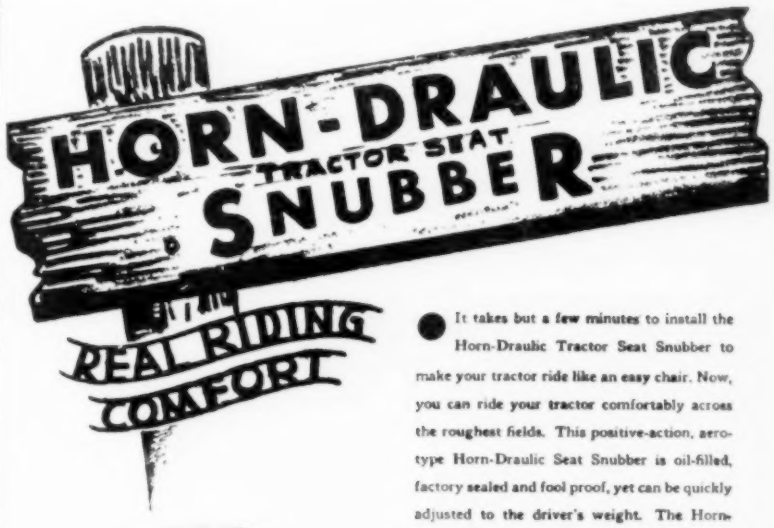
CROW'S 607 Single Cross Seed Corn has been sold out early every year. Thousands of farmers demand this corn because of its higher yield and higher quality of feed.

Placing your order NOW gives you priority in having your order filled for 1947 planting.

Mail the coupon—or a postal for CROW'S FREE Catalog.

Send for CROWS EARLY ORDER OFFER

CROW'S
Hybrid Corn Company
Dept. W. F., Milford, Illinois
World's Largest Producers of Single Cross Seed Corn



It takes but a few minutes to install the Horn-Draulic Tractor Seat Snubber to make your tractor ride like an easy chair. Now, you can ride your tractor comfortably across the roughest fields. This positive-action, aero-type Horn-Draulic Seat Snubber is oil-filled, factory sealed and fool proof, yet can be quickly adjusted to the driver's weight. The Horn-Draulic Seat Snubber does away with a lot of the fatigue of tractor operation as well as adding to the personal safety of the driver. For it smooths the tractor ride like shock absorbers add comfort to car riding

Retails at

$7.50

FITS ALL STANDARD MAKES OF TRACTORS

U. S. PATENTS 2183016—RE21908—2314962—D127587—OTHERS PENDING

HORN MANUFACTURING COMPANY
Established in 1909
FORT DODGE, IOWA

●For extra protection against fence failures, get Continental fence made with the PIONEER KNOT. This knot gives Continental fence extra strength to absorb shock and keep standing straight. It makes Continental fence semi-rigid to better withstand the pressure of crowding livestock without hinging, bending or buckling of the stay wires. Continental fence is made of copper-steel and carries a uniform zinc coating for greater resistance to rust and longer life. Ask your Continental dealer to demonstrate the PIONEER KNOT.

FREE
GRASSLAND FARMING MANUAL
All about Grassland Farming. Tells how to put this modern system to work... how to improve pastures and soil productivity. 40 pages of illustrations, charts, pictures. Just printed. Send a postcard today to Continental Steel Corp., Kokomo, Indiana.

CONTINENTAL SUPERIOR STEEL
CONTINENTAL STEEL CORPORATION
GENERAL OFFICES • KOKOMO, INDIANA

15 Types of Farm Fence, Posts, Gates, Barb Wire
14 Styles of Steel Roofing and Siding, and Fittings
Nails, Staples, Lawn Fence, Wire Products

Do your feeds contain

IODINE?

Make sure the answer is "YES"

Farm animals, like humans, require iodine — a very little, it is true, but that little is vital. Supplementary Iodine in the rations is a protection against goiter and related troubles.

The importance of Iodine in nutrition is so well established that most formula feeds contain it. Iodine probably is in the feeds you buy ... *but it pays to make sure.*

Iodine Educational Bureau, Inc.
221 North La Salle St., Chicago 1, Ill • 120 Broadway, New York 5, N. Y.

Tincture of Iodine is a farm essential —a safe and reliable germicide. Keep it handy in the house and in the barn.

U. S. SAVINGS BONDS MEAN A MORE SECURE FUTURE FOR YOU

Voice of the Farm

Relax! Nobody Expects $8 Hogs in 1946

To the Editor: Will you please tell me why you keep harping on $10.50 per hundred, or even $8 hogs for this fall?

How can any one feed $1 corn and sell hogs for even $12.50?

If your dear friends, the CIO's, need time and one-half for overtime (40-hour week), what is sauce for the goose ought to be sauce for the gander. . . .

Why do you keep kicking the hand that feeds you?

You probably won't print this, but you, yourself, will at least read it, I hope. I'm more than fed up on New Deal hot air. — Wilbur Paulus, Pottawattamie County, Iowa.

Support prices for hogs next fall start at $13 in September, drop to $10.75 in December, rise again in late winter. Wallaces' Farmer and Iowa Homestead expects hog prices to stay above these floors a good part of the time; has never predicted an $8 price in 1946.—Editor.

What It Costs Farmers To Move

To the Editor: Your article on what it costs to move prompts me to write a little of my experience in that line. Having moved 26 times since I started farming, in 1892, I do not consider myself an authority on the cost, as that depends on so many things.

I have moved quite a distance in emigrant cars four times. Also many times in wagons and trucks, from three to 25 miles. So the cost varies according to distance and weather and road conditions.

Then, it often happens that a tenant is forced to sell or buy different things to suit his new location.

Sometimes, the outgojng tenant leaves the premises in bad shape. I've moved to farms where it took several weeks to clean up and repair, and this happened at a time when other farm work was quite pressing.

I could write a book of my experiences in moving, of upsets, breakdowns, and other mishaps. All are very expensive, and some disastrous.

Once, I moved only a few miles, but it was one of the most costly moves.

The outgoing party let me move a lot of grain, potatoes, etc., all of which he used quite freely until he had to move, and then took a sack of potatoes with him to tide over an emergency.

The well at this place was filthy, and caused typhoid in my family.

Yet thru it all I have met many good friends whom I will never forget, and I can thank the Lord my moving days are over. I can sympathize, however, with any one who does have to move.—Arthur A. Webb, Keokuk County, Iowa.

Many tenants pay more than they should for farms, just because they're so tired of moving.—Editor.

MEYER Power LOADER
Gets farm jobs done!
LIFTS, HOISTS, LOADS, LEVELS, DIGS, GRADES
Handles:
Grain, Hay, Manure, Lumber, Cobs, Sand, Lifts Rocks, Fills Holes, Pulls Posts, Removes Snow, Moves Small Buildings
FAST OPERATING- Easy to Control
Tremendous capacity for work. Low cost. Easy to attach to your tractor. Operated by 1 man from driver's seat. Extra large capacity shovel, automatic auto-type friction control, exclusive friction plate clutch. PAYS for itself in time, energy, manpower saved! Write for name nearest Meyer dealer.
THE MEYER MFG. CO. Box 465, Morton, Ill.

STOP Costly Losses
CONTROL STOCK PESTS
NEW All GALVANIZED Rotenone APPLYING
CURRI-OILER
Automatically FIGHTS GRUBS, KNOCKS Wolves, Warbles, Lice, Flies, Ticks and Mange!
Write for Illustrated Literature and Booklet on STOCK PEST CONTROL
THE FARNAM CO. No. 204 222 South 25th St. OMAHA 2, NEBRASKA

DEAF?
HARD OF HEARING?
HEAD NOISES? Try this simple home treatment. It has helped a great many who suffered due to catarrh of the head. Many folks past 70 report hearing fine and head noises gone. Nothing to wear—no one need know. Write today for proof and 30 days trial offer. No obligation.
THE ELMO COMPANY Dept. 682 Davenport, Iowa

STOP Scratching
Relieve Itch in a Jiffy
Sufferers from the torturing itch caused by eczema, pimples, rashes, scabies, athlete's foot, "factory" itch, and other itch troubles, are praising cooling, liquid D.D.D. Prescription. This time-proved medication—developed by Dr. D.D. Dennis—positively relieves that crazy burning itch. Greaseless and stainless. Soothes and comforts even the most intense itching in a jiffy. A 35c trial bottle proves its merits or your money back. Ask your druggist today for D. D. D. Prescription.

BUILD YOUR OWN! FAST FREEZER PLANS $1.00
It's easy to build this household appliance and profitable to use. Save up to 75%. Operates on 110 or 32 volts. Plans show sizes and are easy to follow. ENJOY MAKING ONE OF these freezers from new or used parts. No expert knowledge needed. Mail $1.00 bill or check for complete plans and catalog.
LE JAY MFG. CO., 437 LeJay Bldg., Minneapolis 1, Minn.

NURSERY BOOK
FREE THE EARL FERRIS 77th ANNIVERSARY BEAUTY EDITION!
Our finest catalog and guide in 77 years, more pages, more lovely colors —and more money saving offers of FERRIS Northern Grown EVER GREENS, Shade Trees, Ornamentals, Flowers, Shrubs, Bulbs, Fruit Trees, Berry Plants, etc. Write—it's FREE
EARL FERRIS NURSERY
925 Bridge St. 333 Hampton, Iowa

HIGH BLOOD PRESSURE
A DANGER SIGNAL
Often associated with hardening of the arteries, Stroke, Paralysis, Heart Trouble, Kidney Disorders and other grave complications. Resultful treatments of the Ball Clinic have proven dependable for over a quarter of a century. Send for FREE Blood Pressure Book today. No obligation.
BALL CLINIC, Dept 3660, Excelsior Springs, Mo.

SAVE FEED and CHORES
World's greatest self feeder—for any age—any 2 feeds at a time. Corn, grain, ground feed
SUCCESSFUL HOG FEEDER
Bigger Capacity. Pat. features. No clogging. Self-agitating. 5 sizes, low as $8.75 per year dealer or write for free circular.
Des Moines Incubator Co., 1204 Market St. Des Moines, Ia.

BUY A SHARE IN U. S. A.!!

PAZO RELIEVES THE TORTURE OF SIMPLE PILES

Don't just suffer the agonizing pain, torture, itching of simple piles. Remember, for over thirty years amazing PAZO ointment has given prompt, comforting relief to millions. It gives you soothing, welcome palliative relief.

HOW PAZO OINTMENT WORKS

1. Soothes inflamed areas—relieves pain and itching. 2. Lubricates hardened, dried parts, helps prevent cracking and soreness. 3. Tends to reduce swelling and check minor bleeding. 4. Provides quick and easy method of application.

SPECIAL PILE PIPE FOR EASY APPLICATION

Pazo ointment tube has a specially designed, perforated Pile Pipe, making application simple and thorough. Ask your doctor about wonderful Pazo ointment and the soothing, blessed relief it gives for simple piles.

PAZO SUPPOSITORIES TOO!

Some persons, and many doctors, prefer to use suppositories. So Pazo is also made in handy suppositories. Same soothing relief! Get Pazo in the form you prefer, at your druggists today.

A Product of THE GROVE LABORATORIES INC. • St. Louis, Mo.

FROZEN FRESH FISH

Buy Them Direct from Our Fisheries at Fishermen's Prices

Order This TRIAL ASSORTMENT Box Packed Special for Express Shipping

25 lbs. Dressed Herring — 25 lbs. Whitefish
25 lbs. Northern Pike — 25 lbs. Flounders

100 lbs. IN BOX.....$17.00
½ of each kind..... 9.50

SMOKED FISH—READY TO EAT
10 lbs. in cartons

Whitefish, $3.50, Mullets, $2.50

Write for complete price list and illustrated folder . . . 50 kinds whether Lake and Ocean Fish. Guaranteed Fresh.

SAM JOHNSON & SON'S FISHERIES, INC.
Wholesale Fishermen Since 1897
Dock 5, Duluth 2, Minnesota

OTTAWA TRACTOR SAW

350 Cuts Per Minute

FREE BOOK and Price List

Save money sawing wood. Use Ottawa—fastest sawing. Cuts large, small logs easiest way. Fells trees. One man operates. Thousands in use. Built to last with heavy, stiff saw blade. Positive safety clutch control; uses power take-off any tractor. OTTAWA MFG. CO., 0228 Forest Ave., Ottawa, Kans.

Strawberry Plants

Super Gem Everbearing, grows anywhere, long bearing, prolific. Or improved Blakemore, spring bearer. 25 plants for $1. 100 for $2.95. 500 for $7.50. Free to introduce them: Rare Siberian Pea Seed, $1 value. Cash orders prepaid or sent C.O.D. plus postage. Return at once if not pleased.

OAKLAND STRAWBERRY NURSERY
R. R. 2, Dept. 6A BLOOMINGTON, ILL.

BIRD HOUSE PLANS FREE!

Send for Free with blueprints with list materials. Also Elevator catalog.

MEYER FARM ELEVATORS CUP AND PORTABLE

Simplest, strongest—no short turns. 8 styles. PORTABLES handle baled hay. Write us your plans, capacity, today. State whether interested in BUCKET or PORTABLE.

THE MEYER MFG. CO.
Box 1265 MORTON, ILL.

Save Money, Buy Bonds

"You keep watching the calendar, Maw, and let me know as soon as it's legal to shoot it!"

"Let Britain And France Starve"

To the Editor: You say, "We've spent hundreds of billions of dollars to kill our enemies and help win the war; now let's spend another billion dollars to keep people alive."

O. K. except to Britain, Holland and France. Let Britain and France starve, and Holland eat its potatoes and bread. Until they get other ideals!

These countries, so recently released from the awful plight of war, are now using some of our lend-lease war contributions to war on 75 million Indonesians.

Why aid them to inflict the horrors of war and make vassals of natives who want life and liberty as much as we do?—Charles E. Swanson, Montgomery County, Iowa.

Our proposal was to appropriate a billion dollars to bring the rations of people of western Europe up to about two-thirds the American level until the next harvest. We object both to bombing Indonesians and to starving Europeans.—Editor.

"They Don't Know How to Husk"

To the Editor: I don't think it advisable to revive corn husking contests in 1946. There isn't nearly enough interest in hand picking.

I've husked in eight contests during three years, and I know it takes plenty of endurance to go 80 minutes at top speed.

Eventually, husking by hand will fade away. Our young boys of today don't know how to husk corn by hand.—A. R., Franklin County, Iowa.

What do the "young boys" of today say about this?—Editor.

He Wants Husking Contests

To the Editor: You ask for comments on holding corn husking contests in 1946.

When 40 to 75 thousand people attend a state or national contest, it is proof that farm folks are interested—even tho most corn is picked with machines.

I have been in numerous contests, and agree with Ralph Hulst, of Sioux county, who says: "Corn husking gets into a husker's blood."

I think, as he does, that a lot of men would still like a chance in a contest in 1946.—Arthur Schuessler, Johnson County, Iowa.

Let's have some other comments, particularly from county organizations willing to sponsor local husking contests.—Editor.

My Own Magazine Written For You

My "Seed Sense" magazine is full of things I've learned about gardening in a life time. You'll like it. FREE for the asking.

Henry FIELD
SEED AND NURSERY
2216 Elm Street
SHENANDOAH, IOWA

FOR MY FRIENDS
I'm Going to Send You Seed of
3 KINDS OF FLOWERS

HENRY FIELD

FREE!

FLOWERS ARE SCARCE, hard to get this year, but I've been able to get together enough so I can send my friends a present. Glad I can. But they're going fast, so you'd better send for yours today.

To all who mail me the coupon right away, I'll send big, generous planting packets of the THREE FLOWERS that are my favorite. You'll get the famous Dahlia-Flowered Zinnia, prettiest Zinnia I've seen; Disease-Resistant Aster that grows big, beautiful blooms, and the Giant Chrysanthemum-Flowered Marigold, with big "Mum" sized blooms. They're all free, you don't have to pay or buy a thing to get them. Just ask.

While I'm at it, I'll send you my new big catalog and free copy of my magazine "Seed Sense." March issue I know you'll like. Clip the coupon and mail it now. Please send 3c stamp to help with cost of mailing your free seeds.

MAIL THIS TODAY!

HENRY FIELD
2216 Elm St., Shenandoah, Iowa

Dear Henry: Send me the free flower seeds, and thanks. Also your catalog and free "Seed Sense" magazine. I've put in a 3c stamp to help with the mailing.

Name..... Rt.....

Postoffice..... State.....

The long-life, sturdy Stahmer spreads an 8-foot width of fertilizer and only 6½ inches from the ground. The hopper has 800 to 1000 lbs. capacity—built of 12-gauge hot rolled steel—all in one piece, with welded-in ends.

IMPORTANT! EFFICIENT, NEW TYPE AGITATORS—AN EXCLUSIVE STAHMER FEATURE. The special auger disc type is built into improved revolving agitators. They keep the hopper bottom clean and force fertilizer out of the openings—pulverize lumps and spread uniformly. Quickly regulated, the Stahmer distributes from about 100 to 8000 lbs. per acre. Extra heavy axles carry specially designed wheels using the 6.00 x 16 standard tires. Wide wheels without tires may be had, if desired. The Stahmer weighs approximately 550 pounds. It is easy to use, easy to clean and to maintain. There are a number of other carefully planned structural features. You'll like the 1946 Sturdy Stahmer.

New! 1946 STURDY STAHMER FERTILIZER AND LIME SPREADER

FREE! WRITE for the new illustrated folder and the name of your nearest dealer.

STAHMER FARM EQUIPMENT CO.
135 South La Salle Street
Chicago 3, Illinois

Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

Homemaking Department

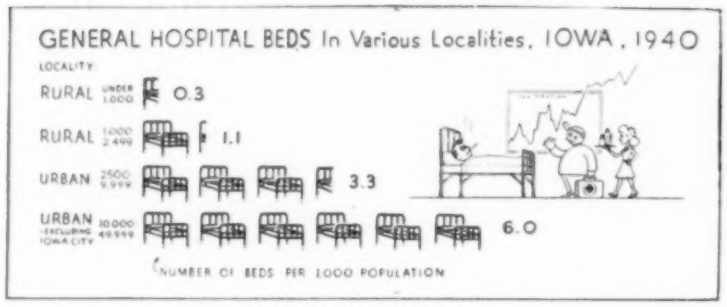
Edited by **ZOE MURPHY**

If you should be laid up with pneumonia or need an emergency operation, where could you go?

Is there a nearby hospital that can handle all the cases that come to it?

And if you do get into a hospital, how are you fixed to pay the hospital bills when you come to leave?

In a Wallace-Homestead poll, we asked a cross-section of Iowa farm people questions like these. See how your answers check.



(From Iowa Farm Economist)

About four and one-half general hospital beds are recommended for every 1,000 persons. Iowa has less than three. This means more than 350 Iowans for every bed in a registered general hospital.

If Farmers Are Sick

HOW healthy a state is Iowa—or Illinois—or Nebraska—or Missouri—or Minnesota?

Make a comparison of the mortality figures. In spite of the fact that the income of Iowa is far above the average, the death-rate—in most age groups—is higher here than in half the other states of the Union.

Neighboring states don't do any better.

But everywhere, folks are kept away from work by illness more than you'd think. On the average, everybody loses 10 days a year from illness.

This woman, who lives on a farm in Poweshiek county, Iowa, feels that a county hospital supported by local taxes would be a good thing.

Perhaps you haven't missed a day in 10 years. But what about your neighbor, who was down for three months last year with a broken hip from an automobile accident?

So many of our younger and more vigorous doctors have been called into war service. Whole communities have been left without any medical service whatsoever.

So we must consider ourselves most fortunate in that we have escaped a major epidemic such as we had during World War I.

At this time of year, with cold, flu and perhaps pneumonia in our schools and neighborhoods, most of us are more health conscious. We wonder what we would do if we should find it necessary to get hospital service.

Could we get John or Clara or Grandfather into a hospital if they did get pretty sick? Are there enough hospitals in Iowa to take care of all our sick folks?

With this idea in mind, we made a recent survey of a cross-section of Iowa farm people. We asked them if they thought there were enough hospitals, or a big enough hospital, in their own communities to take care of those who were sick.

We generally think that women are the ones who worry about the health of the family; that the men are interested, but slightly indifferent.

So we were surprised and interested to find that over half of the men (54 per cent) thought that there was not adequate hospital service in the communities in which they lived.

The women—most of them were mothers—weren't far behind the men, for 48 per cent of them were more or less worried about hospital service.

Many of our farm women have enrolled in home nursing courses in the last few years. They feel more competent now to care for the minor ailments that come up in every family.

Perhaps this accounts for the difference in percentage.

We found, too, that there was a rather curious breakdown on ages. Men and women under 35 years of age were most conscious of the shortage of hospital space. Sixty per cent in this age group thought there were not enough hospitals in their communities.

In this group are families with little children subject to various childhood diseases, and that may account for the special interest along this line. Forty-six per cent of those over 35 years thought that there were not enough hospitals.

A young woman in Ida county said she had to go 40 miles when her babies were born. Even with good roads, that's quite a distance. And what does one do in a blizzard?

In Clayton county, a woman suggested that it might be better if civic-minded men and women would bequeath their money for the building of hospitals rather than libraries.

We also asked this cross-section of farm people whether they thought each county government should set up a public hospital to be supported by local taxes.

A good many counties over the state have done this, with varying degrees of success. This may have influenced the answers of those interviewed.

The men were exactly divided—39 per cent were for a county hospital and 39 per cent were against it. The women weren't sure about it, either, for 32 per cent thought it was a good idea and 38 per cent were against it.

It didn't make much difference in the answers whether the folks owned their farms or rented them—they were still not too sure that the county hospital was the satisfactory way of providing hospital service.

Women expressed themselves freely on both sides of this question. For instance, a woman from Clinton county said:

"Why shouldn't the government set up public hospitals? It certainly would be an ideal plan. Cut down on some of the non-essential stuff we now have, and there would be money to run a good hospital without added taxes."

Another woman, from Clarke county, said:

"I think the government has its hands full to set up hospitals to care for veterans. We can get along with what we have."

A Linn county woman made the suggestion that "the government should assist in helping our local hospitals so that they would be enabled to care for more people."

Hospital insurance is still fairly new to most of us, altho a number of counties have organized to take in farm families at a stated cost per year. So we asked this question:

"Do you approve of plans to provide hospital insurance for farm families, whereby a family pays around $24 a year to get hospital service?"

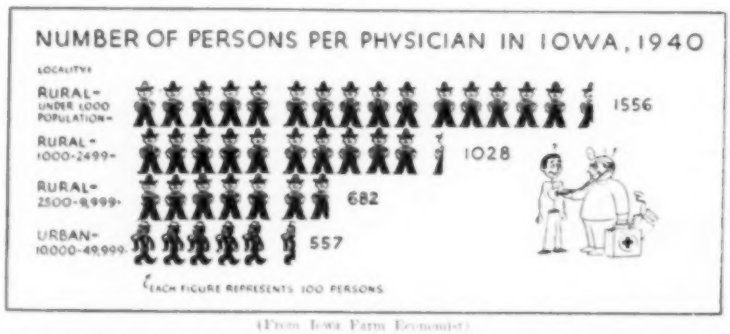
Fifty-three per cent of the men and 58 per cent of the women thought this was a fine idea. There was very little difference in age groups; 54 per cent of those past 35 and 59 per cent of those under 35 years of age favored it.

This Story county, Iowa, farm woman is in favor of a plan to provide optional hospital insurance for around $24 a year.

But there was quite a jump between those who owned their farms and those who didn't. Owners presumably felt more secure and able to pay what hospital bills might come. Fifty-one per cent of owners were in favor of hospital insurance. But 62 per cent of the renters thought hospital insurance was a fine thing.

A Clinton county woman put it very well when she said:

"Hospital insurance is a fine thing for any one. Ours helped us out of the hole. Insurance at $24 a year for an entire family should be wanted by all."



(From Iowa Farm Economist)

Even in 1940, before the war, the number of patients per doctor in rural areas in Iowa was almost twice as many as are recommended by professional groups. Urban areas are much better protected.

Now! An All-Purpose Flour

BLENDED AS CAREFULLY AS THE FINEST CAKE FLOUR

Try Robin Hood Flour for bread that tastes best—looks best.

Now! Get Tenderest Pastry with the $1,000,000 "Secret Blend" that Gives Guaranteed Results

Just think of it—a household flour that's blended as carefully as the finest cake flour. And it doesn't cost you a cent extra—no more than other all-purpose flours. Now, you can use Robin Hood Flour for all your baking—bread, cakes, pies—and get guaranteed results.

Immense sums have been spent to be sure that this marvelous, "secret blend" flour is just as fine as it can be. Careful control and testing make sure that Robin Hood Flour never varies from the wonderful "secret blend" we have discovered.

Women say that this $1,000,000 "secret blend" gives them the very finest baking results they could hope for. Bread with that finer flavor—the lightest and fluffiest cakes—the tenderest pastry.

So sure are we that this marvelous Robin Hood Enriched Flour can do the same for you that every package carries a guarantee. If you don't get the finest results that any flour ever gave you, your grocer is authorized to refund your money plus 10% for your trouble.

Try Robin Hood Flour for all your baking. See what wonderful bread, cakes and pastry you make when you use the all-purpose flour that's blended as carefully as the finest cake flour.

ALUMINUM IS BACK
Every package of Robin Hood Flour contains valuable coupons that can now be exchanged for a large range of wonderful aluminum ware for your kitchen. Start saving these valuable coupons now.

For a time, Robin Hood Flour will come to you packed in a variety of gay, colorful print materials. Look for these lovely prints containing Robin Hood Flour at your grocer's. Below is the way a 50-lb. bag of Robin Hood Flour usually looks.

Robin Hood
ENRICHED FLOUR

A Million Children

The school taxes paid by railroads enable more than a million children to go to school. In many rural areas they constitute half of all the school funds.

And this aid to education is only one of many ways in which the public benefits by railroad taxes. For these are *real* taxes—general taxes on railroad-owned property which go toward the support of public health, public safety, national defense, maintenance of the courts, and all other government activities and services.

No part of railroad taxes goes for building and upkeep of railroad tracks. The railroads do that themselves and, in addition, pay taxes on their tracks and other property, thus helping to build and maintain the highways, airways, and waterways used by other forms of commercial transportation which compete with the railroads for traffic.

It is a matter of pride with the railroads that they not only pay their own way as transportation companies but also are able to help in the education of American boys and girls each year.

AMERICAN RAILROADS

COUNTRY AIR

By ELIZABETH C. WHERRY

LITTLE Sally, across the street, had an eighth birthday coming up, so invitations were issued for the preceding Saturday, asking the little guests to bring their aprons.

Her mother had prepared great batches of chilled cooky dough—for plain white cookies and molasses cookies. Not a drop cooky in the bunch, for the idea was to satisfy every little girl's desire to roll out dough.

An abundance of decorative bits were supplied, and buttons, borders and designs grew in abundance.

A big kitchen table had been stretched out for the girls to work on, and mother handled the stove, so there'd be no casualties from burns.

Various cooky sheets, pictorial cooky cutters and rolling-pins had been gathered in, and the baking was a huge success. Each flushed and floury little girl was allowed to wrap and take home her proud products.

"I used to arrange low hooks and shelves for my son when he was very young, so he could learn habits of tidiness," said the mother of a 'teen-aged boy. "Now he's 16 and can reach any hook in the house, but never does."

Another mother spoke up: "We have a broad six-foot closet for our son. With his elder brother off to war, he has all the closet and the extra bed in the room. He seems to think he does better with his clothes laid on the bed than hung in the closet."

Another mother said to her son: "If you can't walk six feet across the bathroom and toss your clothes down the chute, I'm not going to wash for you any more." A shortage in clean shirts and shorts cleared up the bathroom floor.

There probably is only one way to break the 'teen-age boy of leaving his pajamas in twin nests by the bedside, and that is a period of army life when he doesn't wear them.

How about it, mothers of boys who have returned? Have they reverted to pajama pants nests? Or has the shortage of civilian pajamas delayed the hour of test?

When I think of the dire need of new houses, repairing and remodeling, back porches, closets and bathrooms that have waited so long, I'm a little resentful when merchants hire available workmen to remodel stores already adequate—merely to add to interior beauty and ease of display. That's not vital, but homes are.

The housing shortage has done one thing—it has picked up, painted and cleaned a lot of old eyesores that otherwise would have been left to rot and collapse. To be sure, some of them may cost too much when completed, but few will cost as much as a brand-new small house.

Personally, the renovation of old houses has all the pull for me that the array of artistic stamps on our Belgian letters has for our stamp-collecting nephew.

I can't step inside of any house built 15 years ago without tearing out walls, cutting new windows, rearranging the floor plans and hoisting the stairways over the basement stairs to save space.

Lots of people would be surprised to know that while I sit in meetings with folded hands or engaged in small talk, that their hair is full of plaster dust, and they'd better look out and not step on nails, for their very walls are falling about them as I mentally remodel to accommodate bigger living rooms, cross-ventilation, and to utilize wall space.

Sandra is a fine, healthy baby. She is the daughter of Mr. and Mrs. Tony Polich, Polk county, Iowa.

The other day, a professional man asked us how much money it took for a young farmer to set himself up in business.

As we figured up, we were rather surprised at the amount necessary to work an 80-acre farm where horse power at $20 a horse could solve the power problem until a tractor and the money for it were available.

Cows — just cows — at $150 per head, and bred sows at munificent sums, were merely an introduction to the corn, hay and oats necessary to buy before a crop is harvested.

The professional man grunted and guessed he was glad his thousands had gone into his education, where its inventory value didn't decrease, tho he couldn't leave it to his family when he died.

He thought it would be nice for young farmers if their old Aunt Amanda left them about $10,000 apiece when they were ready to set up. But even that needs management to make it hold together and increase.

Easily Made at Home

No. 4897—A cardigan is young, smart and a cinch to sew! Make it from a man's old suit or new fabric. Sizes, 11 to 18.

No. 4751—It's all done with draw-strings! No buttons, no placket; no shoulder, armhole or waist seams! Sizes, 6 to 14.

No. 9484—The buttoned yoke is smart; the tie belt gives that trimmed look. Sizes, 12, 14, 16, 18, 20 and 40.

No. 9317—Buttoned front for easy wearing and easy ironing. Short or long sleeves. Sizes, 34 to 46.

No. 9483—Accentuate her endearing young charms with this adorable dress and panty pair. Make-believe bolero bodice. Sizes 2 to 8.

No. 4735—Blouse, cut all in one piece—just wrap and tie. Simple pleated skirt. Sizes, 12 to 20.

Patterns may be secured for 16 cents each, in coin or stamps (coin preferred). Send your orders to the Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. There are still delays in mailing, so allow plenty of time for your order to reach you.

My Crane Water System lightens my housework

"It's amazing the number of steps I save in my new Crane kitchen—no more hauling water or carrying out waste. And a touch of a damp cloth is all it takes to clean the gleaming white sink, with its shining faucets. My Crane bathroom provides luxurious comfort for the whole family—I just can't see how we got along without running water.

"When John and I first talked to our Crane Dealer about a Crane water system, we were thinking about the labor it would save in the barn and feed lot, but now we wouldn't be without the convenience of Crane plumbing in the house either—for a lot of money."

You will want to install a Crane water system on your farm as soon as conditions permit. Why not discuss it with your Crane Dealer the next time you are in town? He will help you plan a system to suit your needs, and will furnish and install a Crane pump, Crane piping, and Crane bathroom and kitchen fixtures as soon as products are available.

A complete CRANE water system includes
PUMPS, PIPING, PLUMBING FIXTURES
It brings you new conveniences

IN THE BATHROOM — THE LAUNDRY — ON THE FARM

CRANE

CRANE CO., GENERAL OFFICES: 836 S. MICHIGAN AVENUE, CHICAGO 5, ILL.
NATION-WIDE DISTRIBUTION THROUGH BRANCHES, WHOLESALERS, PLUMBING AND HEATING DEALERS

"Menfolks GO FOR THIS BISCUIT-TOPPED MEAT PIE"

Serve this tasty meat pie with biscuit topping made of MOTHER'S BEST FLOUR! MOTHER'S BEST is SPECIALLY MILLED for home baking and REPEATEDLY TESTED with home recipes to give you flakier pies, lighter cakes, and wonderful bread. Enriched with vitamins and minerals! Try it . . . you must be satisfied or your money back.

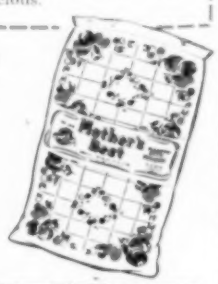
MEAL-IN-ONE-PIE

2 cups Mother's Best Flour
4 tablespoons shortening
¾ cup milk
1 teaspoon salt
6 teaspoons baking powder

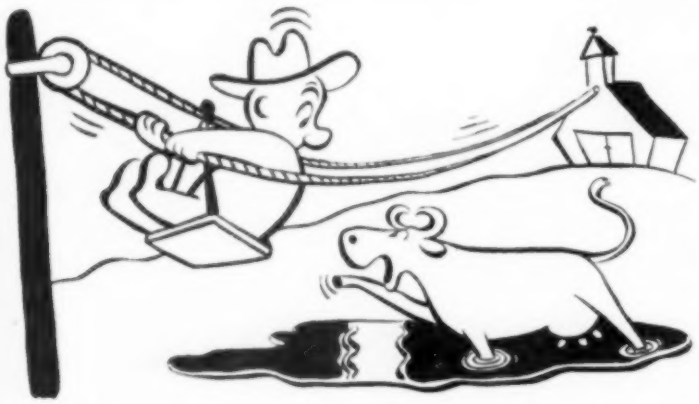
Sift flour and salt. Cut in shortening. Sift in baking powder and mix lightly. Add milk and mix to soft biscuit dough. Roll out on thickly floured board, and mark squares. Arrange diced cooked meat, diced raw potatoes, carrots and onions in baking dish. Sprinkle with salt and pepper. Add 1 cup meat broth. Cover with dough and bake at 400 F. for 30 minutes, then at 300 F. about 15 minutes.

Use "boiling" meat, or canned meat, thus make its rich flavor extend over vegetables for dinner. The thick biscuit topping is delicious.

50 Lb. Size
In Attractive Dress Prints

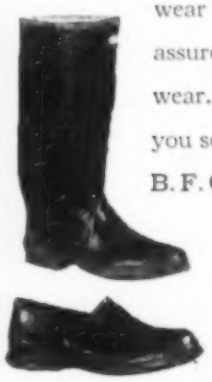


Mother's Best
All Purpose FLOUR ENRICHED WITH VITAMINS



"Seems to me you'd rather keep your feet dry with B. F. Goodrich farm footwear!"

And that's a fact! In any kind of farm footwear by B. F. Goodrich, vast rubber research assures you of economical protection and long wear. You can always tell a good buy when you see the name B. F. Goodrich!



Footwear by
B.F.Goodrich
FIRST IN RUBBER

Styles for every need throughout the year

COOKERY CORNER

Best Cookies

½ cup of butter, or part butter and part other shortening
½ cup of sugar
1 teaspoon of flavoring
1 egg
½ cup of sour cream
Sift together 1 cup of flour, 1¼ teaspoons of combination baking powder and ¼ teaspoon each of soda and salt

Cream shortening and sugar; add flavoring; beat in egg; add one-half cup of sour cream; sift flour, baking powder, soda and salt; add to first mixture. Nutmeats, chopped dates, candied cherries, raisins or chocolate drops may be added. Add enough more flour to make the dough stiff enough to drop on cooky sheet. Bake in a hot oven.—Mrs. Herbert Shinn, Adair County, Iowa.

Spaghetti Stew

2 slices of bacon, diced
½ pound of ground beef
1 chopped onion
½ cup of diced celery
½ cup of diced carrots
1 cup of diced potatoes
1 cup of broken spaghetti
3 cups of canned tomatoes

Fry bacon in a heavy skillet. Add meat and onion, and brown. Add celery, carrots and potatoes. Season with salt and pepper. Mix gently. Distribute the uncooked spaghetti over mixture. Pour on tomatoes. Cover tightly and cook slowly for 40 minutes.—Georgia Romig, Antelope County, Nebraska.

Old-Fashioned Lemon Pie

1 cup of sugar
2 tablespoons of flour
Pinch of salt
1½ cups of water
3 egg yolks, slightly beaten
Juice of 1 lemon

Combine the sugar, flour and salt in top of a double boiler. Add the water and stir until smooth, mixing thoroly. Add the egg yolks, mixing thoroly. Place over rapidly boiling water and cook for five minutes, stirring constantly. Remove from the boiling water, add lemon juice, cool. Pour into a previously baked pie shell and top with a meringue made with three egg whites and three tablespoons of sugar. Beat the egg whites till stiff, add the sugar and beat till mixture thickens again. Pile lightly on the filling. Return to oven until slightly browned.—Mrs. A. W., Scott County, Iowa.

Apple Crunch Muffins

2 cups of flour
½ cup of sugar
3 teaspoons of combination baking powder
¼ teaspoon of salt
1 cup of chopped apples
1 egg, beaten
1 cup of milk
3 tablespoons of butter, melted

Sift the dry ingredients, add the apples and mix. Add combined liquid ingredients, mixing just enough to moisten. Pour into buttered muffin pans, filling two-thirds full. Sprinkle with the following crunch:

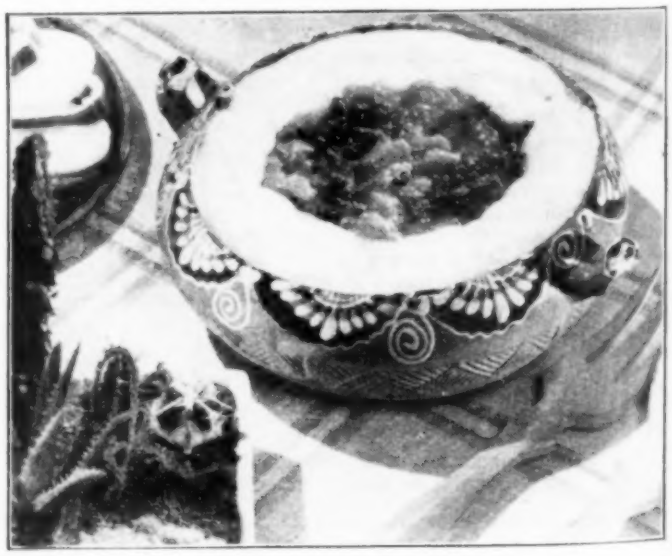
¼ cup of brown sugar
½ cup of nutmeats, chopped
½ teaspoon of cinnamon

Bake in a 400-degree oven for 15 minutes.—Mrs. Alice Hall, Colorado.

Salmon Loaf

1 large can of pink salmon
1 teaspoon of salt
½ teaspoon of pepper
½ cup of hot milk
¼ teaspoon of paprika
2 tablespoons of lemon juice
3 egg yolks
½ cup of cracker crumbs
3 egg whites

Remove skin and bones from salmon and mash fine. Add salt, pepper, paprika, lemon juice, beaten egg yolks, cracker crumbs and hot milk. Fold in stiffly beaten egg whites. Pour into well greased loaf pan. Bake in a 350-degree oven for one hour.—Mrs. W. L., Iowa County, Iowa.



Try Out This Tamale Pie

2 teaspoons of salt
4 cups of boiling water
2 cups of cornmeal
½ cup of minced onion
1 pound of ground raw meat
2 tablespoons of meat drippings
2 cups of canned tomatoes
2 teaspoons of chili powder
Salt and pepper

Add salt to boiling water; gradually add cornmeal to water, stirring constantly. Cover; cook slowly, stirring occasionally, for 30 minutes, removing cover last 10 minutes. Spread mush on bottom and sides of casserole, reserving a little for top. Meanwhile, brown onion and meat in drippings; add tomatoes and chili powder. Simmer 15 minutes; season with salt and pepper. Pour into casserole on mush; spread remaining mush over top of tomato mixture. Bake in 375-degree oven for one hour. Serves six.

From Farms **Here is a group of Iowa ex-service men, all from farms, who are taking work at Iowa State College. In the front row (alone), David Walker, Jones county. Middle row (from aisle), Bruce L. Brown, Louisa county; John F. Hossle, Montgomery; Donald Hultman, Polk. Third row (from aisle), Wendell Stream, Greene; Irwin Seward, Marshall; Donald Shirk, Marshall; Craig Surbaugh, Wayne Tabor, Jasper. Back row (alone), Dale Shamblen, Pottawattamie.**

What Shall Joe Do?

(Continued from page 1)

But a series of tests can say to the returned soldier: "You would not be much good at an inside desk job, working with figures; you'll get along better outside, working with stock."

If the war left a man banged up, and he wants special training, he takes these tests, too.

Bruce Brown, of Louisa county, Iowa, came back from service with a leg gone. He had worked on farms, knew something about the business, but a man with one leg can't get around too well.

Bruce took the aptitude tests and decided to take a four-year course to become a teacher of vocational agriculture.

Another young fellow looked at his tests and decided to be a garage mechanic. He was assigned to what the Veterans Administration calls "training on the job."

This means taking a regular job, but one in which the boss promises to help with the education. It is a sort of apprenticeship. The employer pays something; the VA pays something.

The veteran works and learns.

Arnold Carstensen, of Clinton county, Iowa, came out of service with a stiff knee. Arnold wanted to farm, but a stiff knee is a handicap.

He took the aptitude tests, however, and they confirmed his belief that farming is his line.

So he's now taking a four-year course in farm management—under the disabled veterans' program—and figuring that he'll be able to do all the headwork, if not all the legwork, on the farm later.

"How long does it take a veteran to go thru these aptitude tests?" was the question asked Dr. Austin C. Repp, chief of the Guidance Center at Ames.

"We usually like to have him here for two days," said Repp. "In that time, we can give him a variety of tests that will help him to decide what he can best do."

"Suppose he looks at his tests and decides they show he should try something that requires more training than he has had — then what?"

Repp explained that under the VA program, a veteran could be sent to college for a short course or a full course, to a business college, to a trade school, or could be assigned to "training on the job."

One trouble with the work of testing veterans to help them decide on future work is that the veterans are coming in too fast.

VA officials add this warning to veterans who want help at the Guidance Centers:

"Sometimes there is more delay than we or the veterans want. But we're trying to speed things up. Anyway, every veteran who wants this kind of help should apply to the state office nearest him, ask for the proper application form, fill it out and return it, and we'll get to him just as quick as we can. It does not require more than 15 minutes to fill out the form."

But suppose a veteran takes his tests, selects a field of work, wants further training, and then finds the college or trade school he wants to attend is full?

For an unmarried veteran who wants to farm, who would like more training, but who can't get started in college for a while, one course is open.

Take a job as a hired man until the college of his choice can find room for him. There are plenty of jobs of this kind available.

Even for a married veteran, there are some chances in this field. On many farms, there are well-equipped hired men's houses empty.

The farm veteran who wants to go into other lines than farming, and who is on the waiting list for college or trade schools, can often land a town job while waiting.

Ask for Monarch's exclusive Electric Roaster Range.

"CELEBRATE" MONARCH'S Golden Jubilee

Yes, you'll really feel like celebrating . . . . the day you install a new '46 model Monarch in your kitchen. Because, the new Monarchs are a thrill to look at . . . . a thrill to cook with . . . . a thrill to include in your new kitchen plans. For fifty years now, Monarch has been building quality ranges for good cooks throughout America.

Look for this authorized Monarch dealer sign in your community. Ask to see the latest in cooking and heating equipment by Monarch. Or, first mail coupon below.

MALLEABLE IRON RANGE CO.
1726 Lake Street, Beaver Dam, Wisconsin

Please Send Literature for:
☐ Literature on Ranges (kind of fuel.....)
☐ Modern Kitchen Plan Book
☐ Literature on Circulators

NAME .....
Address .....
City ..... State .....

25 GLADIOLUS Bulblets FREE

Mix of my most beautiful varieties. Regular first quality bulbs, except baby size. Will grow tall and lovely. Fully half bloom first year. Developing and growing gorgeous flowers is my hobby. My new Catalog tells all about them—that's why this exceptional offer. Write today—just say, Send Free bulblets. Enclose 3c stamp, please. Glads, catalog and my magazine Seed Sense—free, postpaid.

HENRY FIELD SEED & NURSERY CO.
2229 Elm Street. Shenandoah, Iowa

TWO Gorgeous PERENNIALS 10¢

Colorful new GAILLARDIA. Bright yellow and red petals, deep maroon center. Easy to grow; blooms till frost...and lovely, graceful Alice Blue DELPHINIUM. Heavy rooted plants, not seedlings. Grow 1st yr. Reg. price, 3 for 59c. To acquaint you with hardy, northern grown Gurney perennials, we'll send one of each, also planting guide and big new catalog...all postpaid, only 10c. Coin or stamps.

GURNEY SEED & NURSERY CO.
631 Page Street Yankton, So. Dak.

TOOTHACHE? DUE TO CAVITY

GET QUICK, amazing relief by placing Dent's Tooth Gum—or Drops—in cavity of aching tooth. Follow directions. Cavity toothache frequently strikes when you can't see dentist. Be prepared. Ask your druggist for package.

DENT'S TOOTH GUM TOOTH DROPS 25¢

GRAVY MASTER MAKES GRAVY MEN LIKE! 15¢

THE GOVERNMENT NEEDS YOUR OLD WASTE PAPER!

WE GUARANTEE

You'll Win a Baking Prize or Double Your Money Back!

Yes—use Omar Wonder Flour with the Omar Blue Ribbon Recipe shown here . . . and enter any baking contest. *If you don't win a prize, Omar will refund in cash double the cost of all ingredients used!*

No other flour would dare make this offer! Because *no* other flour has won so *many* baking prizes. *More than 13,000 prize ribbons for bread, cakes, rolls, pies and cookies!* Ask your grocer for a sack today!

OMAR CINNAMON TWISTS

Use This Omar Blue Ribbon Recipe . . . a Real Butter-Saver

1 cup sifted OMAR WONDER FLOUR
1½ teaspoons baking powder
½ teaspoon salt
2 tablespoons sugar
2 tablespoons shortening
1 egg
¼ cup milk
melted shortening
¼ cup cinnamon sugar

Cinnamon Sugar: ¼ cup sugar—½ tsp. cinnamamon—Mix theroughly

Sift together flour, baking powder, salt, and sugar. Cut or rub in shortening. Beat egg and add milk. Mixing in only enough to moisten flour. Knead gently ½ *minute* on lightly floured board. Roll into rectangular sheet ¼ inch thick. Cut lengthwise into inch-wide strips. Brush with melted shortening and sprinkle cinnamon sugar on half of each strip. Fold uncovered portion of strip over cinnamon sugar. Twist strip. Coil and place on greased baking sheet. Bake in moderately hot oven (425° F.) 12 to 15 minutes.

Gift Coupons Packed in Every Sack

OMAR WONDER FLOUR

FOR PANCAKES
LIGHT AS A COLORADO CLOUD!

RANCH HOUSE
The Only Pancake Mix with That True Western Flavor

40% HOG SUPPLEMENT
Users Report
MORE PROFITS FASTER
with
OMAR
"TAILORED RATIONS"

for love at first Sound!

Sentinel *Radio*

. . . And the cleanest, clearest sound—*purest* reception ever! That's not all. There's tuning ease and accuracy before unknown—colors, styles, features, never achieved in the past.

And there's a Sentinel just *for* you—battery or electric, table or portable, console or radio-phonograph, DC or AC, FM or AM—all "tops" in appearance, either modern or classical—superb in performance!

Ask for a Sentinel demonstration today—discover what's *really* new in radios!

Sentinel *Radio*

FOR STUDIO TONE IN YOUR HOME

SENTINEL RADIO CORP. • 2020 RIDGE AVE. • EVANSTON, ILLINOIS

Lines From ...Aunt Lib

KEEPING WARM

WE IN the cold parts of America can be thankful we have plenty of clothes to keep us warm this winter. Whittier, in "Snowbound," wrote of "the cold no coat however stout of homespun stuff could quite keep out." I guess we can't always keep it out yet, but we're ahead of the old days.

Aunt Lib

Even a generation ago, country kiddies would be shiverin' from the cold, just because their folks didn't dress them warm enough. Now, with the snow suits, kiddies sure look a heap more comfy. And there shouldn't be so much pneumonia, and T. B., and such troubles, if only the parents and kids will do as well as they know.

Underwear is the place to start. Some of our boys like to brag about goin' in summer underwear all winter, but, thank goodness, they're not so common.

We had a boy like that workin' one day, who said it was too cold to haul out manure. Pap told him it wouldn't be too cold if he'd only dress for it. He wears woolens when it gets really cold—and he's proud of it.

Gals sometimes get notions like this boy, only worse. I recall the winter when we were drifted in—that was the year of the big snowstorm.

Some of the school kids had to walk quite a ways home from the place where the bus let them out. One girl was bare-legged — and pretty well up, too. Well, she waded the drifts, but before she got to her home she'd frosted her legs right bad.

Sheep-lined duds are a blessing in cold weather. Pap's chilblains would bother all winter until he started wearing those sheep-lined shoes. Now, with wool socks and them, and waterproof overshoes outside—his feet don't even know it's winter.

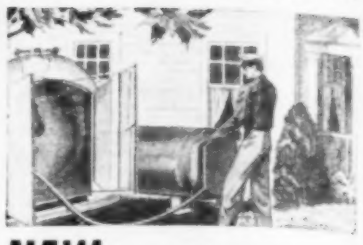
Our son likes his sheep-lined vest. Then he can put on top of it as many coats as he needs, depending on how cold the weather is.

Mittens are something youngsters and old ones need. Used to be, Ma would think if us kids had a thin pair of cotton flannel mittens, we was fixed.

But for handlin' a fork handle a half-day at a stretch, our boy puts two pairs of mittens together—the fleece of the inside pair turned in and the other out.

In snowy times, he has leather chopping mittens, too, with wool lining inside. Rubberized waterproof gloves and mittens are pretty good, too.

Pap was always cold-blooded. Funny, how he'll put on all his heavy coats and sit around the stove after breakfast to absorb all the heat he can; then he goes outdoors, and says it's a lot easier to keep warm and toasty than if he'd started out with his duds just lukewarm.



NEW BUTLER-BUILT HOME GAS SYSTEM

Above Ground—Simple To Service
Efficient for any climate

When materials are available, Butler's new Home Gas System will bring you *all* the clean convenience of gas with new efficiency and new economy. A single attractive unit; no underground installation; easy to get at and service. Best of all, it handles Propane Gas of unvarying richness and operates efficiently in any climate or extremely low and high temperatures. A single filling will give you months of cooking, heating and refrigeration convenience at a cost of only a few cents a day. Production of the new Butler underground Butane, Propane Gas System will also be announced soon. See your Butler Home Gas System Dealer today or write to—

BUTLER MANUFACTURING COMPANY
7332 East 13th St., Kansas City 3, Mo.

BUTLER BUILT
LIQUEFIED PETROLEUM GAS
Home Systems, Truck and Trailer Transport Tanks

Are you PALE? WEAK? from loss of BLOOD-IRON?

Here's One Of The Best Home Ways To Build Up Red Blood!

You girls who suffer from simple anemia or who lose so much during monthly periods that you are pale, feel tired, weak, "dragged out"—this may be due to low blood-iron—

So start today—try Lydia E. Pinkham's TABLETS—one of the greatest blood-iron tonics you can buy to help build up red blood to give more strength and energy—in such cases.

Pinkham's Tablets help build up the RED QUALITY of the blood (very important) by reinforcing the haemoglobin of red blood cells.

Just try Pinkham's Tablets for 30 days—then see if you, too, don't remarkably benefit. All drugstores.

Lydia E. Pinkham's TABLETS

Try Making Cough Syrup at Home. Quick Relief

Saves Big Dollars. **No Cooking.**

No matter what you usually use for coughs due to colds, you'll be more than surprised when you make up this simple home mixture and give it a trial. You'll wonder how you never used it before. It certainly does the work in a hurry.

Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed—it's no trouble at all. Or you can use corn syrup or liquid honey, if desired.

Get from your druggist 2½ ounces of Pinex. Pour this into a pint bottle and fill with your syrup. This makes a full pint of cough syrup and gives you about four times as much for your money. It tastes fine, and mixes easily. Children love it.

And for quick action, you've never seen its superior. It loosens the phlegm, soothes irritated membranes, eases the cough, makes breathing easier and lets you sleep.

Pinex is a special compound of 5 ingredients, in concentrated form, with liable soothing agent for throat and bronchial irritations. Money refunded if not pleased in every way.

ICY LAKE FROZEN FISH

Rush us your order for extra-fine Round Herring. 100 pound box, $8.00; Herring, 100 pound box, $9.50; Select Herring, jumbo size, 15 pound box, $1.50, 100 pounds $8.75; Large Round Bayfish (Suckers) 100 pound box, $7.50; Curly, large round, 100 pounds $8.50; White Meat Buffalo, 100 pound box, $12.00. Large package mixed Smelts (similar to Smelts) 10 pounds $1.45. Goldeye (like Shad), 50 pound box $7.50, 100 pound box $14.00; Pickerel, 100 pound box, $13.50; Walleyed Pike, 100 pound box, $25.00. Bullheads, skinned, ready to fry, 50 pounds, $11.50, 100 pounds, $22.00. Smoked fish in 10 pound boxes: Ciscoes, $2.00, Fat Lake Chubs, $3.00, Whitefish, $3.30, Buffalo Chunks, $3.25, Fresh Suckers, $2.00. All smoked fish 10 pound carton.

LESTER FISHER FISH CO.
BOX 13 MARINETTE, WIS.

CLOTHES PINS

Strong Hardwood Wash Size
5 doz. $1.00 Postpaid 10 doz. $2.00 Postpaid
Cash or Money Order, No C. O. D.

BROWN TOY CO.
Box 1002-B. LANSING, MICH.

Yours FOR BETTER BAKING

Bring your favorite recipes right up to date by comparing them with the basic recipes contained in

TODAY'S BAKINGWAYS

Your name and address on a post card will bring you this new baking guide plus a copy of The Clabber Girl Baking Book, both free.

ADDRESS
HULMAN & COMPANY
Dept. R Terre Haute, Indiana

CLABBER GIRL Baking Powder

CHOICE FROZEN FISH FULL WEIGHT OF FISH IN BOXES. Herring, Round, 50 lbs. $4.00, 100 lbs. $7.50; Smelts, smaller to Jumbo Smelts, in 10 lb. cartons, layers packed, 5 cartons to master carton, 10 lb. net $1.10, per master carton, 50 lbs. $5.00. Order smaller carton or more. No. 1 Carp, 50 lbs. $4.00, 100 lbs. $7.00; Large Carp, 100 lbs. $9.00; Yellow Kidney Pike, 50 lbs. $12.50, 100 lbs. $24.00; Headless Steak Cod, 50 lbs. $8.00; Pickerel, Headless and Dressed, 50 lbs. $8.00, 100 lbs. $15.50; Pickerel, Round, 50 lbs. $7.50, 100 lbs. $14.00; Mullets Smoked, 50 lbs. $4.00, 100 lbs. $7.50; Bullheads, Finger Skin, 50 lbs. $8.00, 100 lbs. $14.00; Ocean Fish (Whiting), Headless and Gutted in 15 lb. cartons $2.40; Sheepheads (White Perch), 50 lbs. $6.00, 100 lbs. $11.00; Buffalo, 100 lbs. $12.00; Smoked Bluefins, 10 lb. carton, $2.00; Smoked Tullibees, 10 lb. carton $2.00; Smoked Lake Chubs, 10 lb. carton $3.80. Prices F.O.B. Green Bay. Quality and prompt shipment guaranteed. Only box lots of each variety shipped.

MIDWEST FISH COMPANY
235 N. BROADWAY STREET GREEN BAY, WIS.

FOX SCARFS, FINE FURS

Both stylish and useful; low in price when you ship your raw pelts to Cownies. Red fox, silver fox, mink, raccoon, beaver, every kind of hide and fur skin beautifully tanned and styled to your order. 30 years experience—100% satisfaction guaranteed. Ship your skins any time, and get our style sheet, price list, complete information.

COWNIE TANNING COMPANY,
501 Market Street, Des Moines, Iowa

WHAT EVERY MASON WANTS

We have important Masonic books for Blue Lodge, Chapter, Commandery, Scottish Rite, and Shrine.
Our Rituals Are Used the World Over. Send for free catalog of books and rituals for Masons, Odd Fellows, Knights of Pythias, Knights of Columbus, etc.

EZRA A. COOK, Publisher, P. O. Box WF
CHICAGO 90, ILLINOIS

FREE 1946 Garden Catalog Illustrated in Color

of hardy field-grown vegetable plants that produce crops three weeks earlier than home grown plants. Tells how to spray, plant, and cultivate cabbage, onion, lettuce, beet, broccoli, tomato, potato, eggplant & pepper plants. Get your catalog now before the supply is exhausted.

P. D. FULWOOD CO., TIFTON, GA.

RHEUMATISM RELIEVED

36 years' experience in the treatment of Arthritis, Neuritis, Sciatica, Lumbago, and Gout, Obesity, Hypertension (High Blood Pressure), Hypotension (Low Blood Pressure). Excellent train and bus service, via N. W. R. R. and Greyhound bus to Shakopee, Minn.; M. & St. L. R. R. to Chaska, Minn.; Milwaukee R. R. to Glencoe, Minn.; Greyhound bus Glencoe to Shakopee. Write for Booklet C.

MUDCURA SANITARIUM Shakopee, Minn.

Women in Fields

AN IOWA farm woman recently told how she felt when she went out into the fields to help the men husk corn. A number of our readers do not agree with her reactions to this outside work, and say so quite frankly. Here are some sample letters.

Where She's Needed Most

To the Editor: I would say to the writer who said a woman's place is in the home that I think her place is where she is needed most.

I have worked in the field when needed as an extra hand, and I am not red-faced or bleary-eyed, either. Has the lady forgot Uncle Sam urges everybody to do their most?

I can drive a team of four horses, husk corn, cook with any one, keep house. I can get a good meal on a few minutes' notice.

Has the lady forgot that Uncle Sam put a lot of women on the battlefield?

If her husband is as tired as mine is sometimes, he won't know whether she has on her suntan or not.

Women have taken their places at the voting booths; also women wear slacks instead of dresses. Then, why is a woman out of her place if she wishes to help her husband when he is working to every ounce of his strength?—A Reader, Nodaway County, Missouri.

Does She Mean It?

Dear Indignant Mrs. X: Are you kidding? Or do you base your stand on economic circumstances more comfortable than those of many farmers?

Don't you know any one who can work outdoors and yet keep her house reasonably tidy, her meals adequate, and her person neat? There are such—those with good health and strength.

The woman who husks corn (or does other field and outdoor tasks) usually does so because of the financial saving it means—at least $100.

In what other way, in a period of a few weeks and remaining in the house, can a homemaker earn this much?

Often the $100 means the difference between drudgery and having the conveniences the money will buy.

And then there are those of us who would go wild cooped up inside four walls.

This outdoor work serves as an outlet for pent-up strain, puts a sparkle in the eyes, color in the cheeks, and brings sleep which is otherwise elusive.

Probably we should investigate fully and move, but what if feeding cattle and raising porkers is in your husband's blood?

Don't feel sorry for us, Indignant Mrs. X. We may not know any better, but when we have arrived at the point where we can live comfortably and see our future secure, we will turn our energies to flowers and club work—ladylike pursuits. — Mrs. Wants Security.

You Can Have This Spiegel Catalog...

TO HELP YOU WITH YOUR SHOPPING

660 PAGES OF NEW MERCHANDISE

• Smart Fashions • Men's Clothing • Children's Wear
• Home Furnishings • Hardware-Farm-Auto Supplies

The one place you can find the things you want to buy is in the big new Spiegel Catalog for Spring & Summer, 1946. Prices are low . . . and quality is dependable.

Spiegel catalogs will be sent to a limited number of new customers this season . . but you can have a copy for your home if you mail the coupon today. We want these catalogs to go to homes where they will be used regularly.

There are three convenient ways to buy at Spiegels . . . for Cash . . . on 30-Day Charge and on Time Payments. In addition, FHA Terms are available on many farm supplies.

Smart made-in-California fashions . . . home appliances . . . furniture . . . children's needs . . . men's wear . . . sporting goods . . . garden needs . . . tractor parts . . . dairy and poultry equipment . . . paints . . . and thousands of other items for home and family are found in the Spiegel Catalog. Fill out and mail the coupon today . . . shop by mail this year.

MAIL THIS COUPON TODAY TO GET YOUR SPIEGEL CATALOG

Answer questions below and mail to SPIEGELS, 1061 W. 35th St., Chicago 9, Illinois.

Do you live on a farm? Yes ☐ No ☐ If you live on a farm, how many miles from town?.....
Did you shop by mail during 1945? Yes ☐ No ☐
If you shopped by mail during 1945, check below to show what you bought—
Women's Wear ☐ Children's Wear ☐ Home Furnishings ☐
Men's Wear or Sporting Goods ☐ Hardware, Farm or Auto Needs ☐

Name.....

Address.....

Town.....State.....

P-24

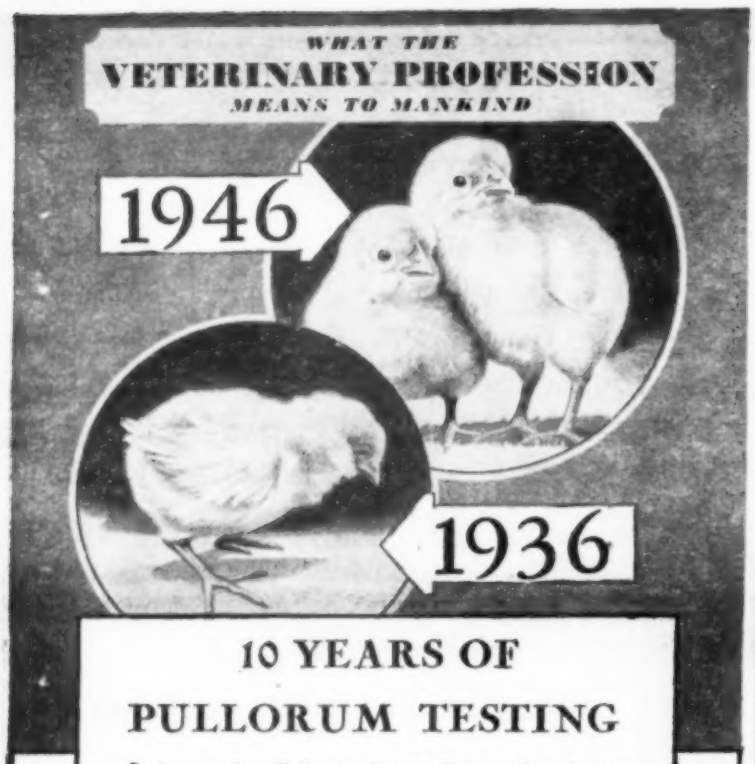
THEY ARE BEST BY TEST
THAT'S WHY YOU'D BETTER BUY TEST!

Yes! Test Overalls are more than just a name; they have passed a five-point test to bring you all the features you look for when you buy overalls. Made of highest grade 8-oz. heavy Sanforized denim. Reinforced and double-stitched. Loops and slides anchor-strong, metal buttons bradded on. All pockets bar-tacked with "no-rip" construction.

Get Test Overalls at better stores everywhere

TEST
OVERALLS AND WORK CLOTHES
RICE STIX • Manufacturers • ST. LOUIS

WHAT THE
VETERINARY PROFESSION
MEANS TO MANKIND



10 YEARS OF
PULLORUM TESTING

● At one time Pullorum disease threatened to destroy the poultry industry. Chick losses often exceeded 50%. In 1912 Dr. F. S. Jones, a Veterinarian, proved the value of blood testing for detecting pullorum-diseased birds. In 1927, Dr. Runnells, another Veterinarian, perfected the quick plate test, now universally used.

As a result, a nationwide pullorum testing campaign was made possible, and in the past ten years losses from pullorum disease have been reduced one-third. The co-operation and experience gained in this coordinated control campaign have paved the way for mastery over other devastating flock diseases of chickens and turkeys.

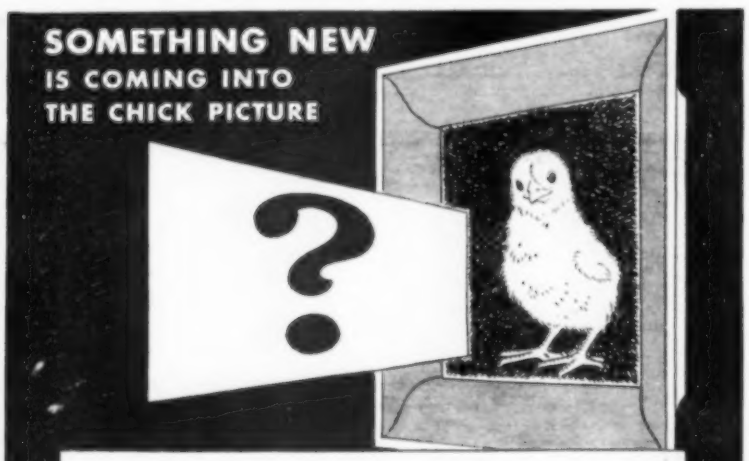
This is another instance in which basic Veterinary research has contributed to our food supply and the welfare of a two billion dollar industry.

One of a series of educational announcements by

American Foundation for Animal Health

Under the sponsorship of Associated Serum Producers, Inc.

SOMETHING NEW
IS COMING INTO
THE CHICK PICTURE



WATCH FOR ANNOUNCEMENT FROM CARGILL

Easy Way to Have Fine Flavored
Home Cured Meats

FREE BOOKLET
36 pages butchering, meat curing information, recipes, instructions. Free at dealers or write direct.

To sugar cure 300 pounds meat just add one large jar Wright's Ham Pickle and 28 pounds salt to 10 gallons water—and pack your meat in it. After curing apply two coats Wright's Condensed Smoke, allow to dry, and your meat is ready for the table. Easiest method ever. Sure cure and finest hardwood smoke flavor. Wright's Smoke is also fine for barbecuing and other cooking uses. Products guaranteed. Dealers everywhere.

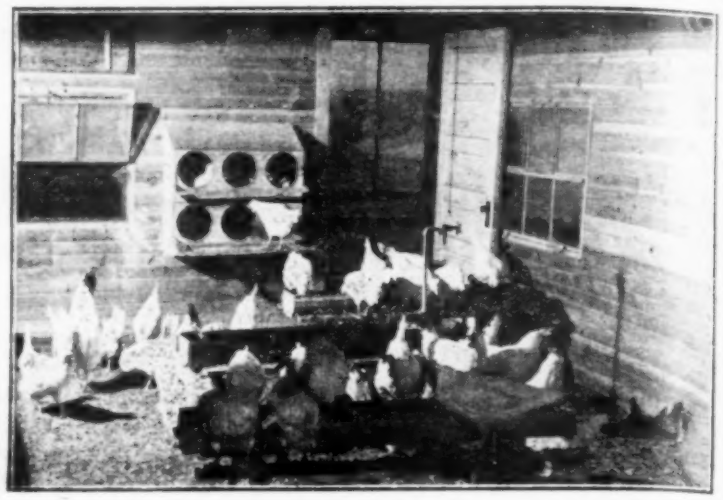
E. H. WRIGHT CO., Ltd. 2435 McGee, Dept. I, Kansas City 8, Mo.

WRIGHT'S HAM PICKLE
★ for Sugar Curing ★

WRIGHT'S Condensed SMOKE
for Smoking and Barbecuing

When writing to advertisers, will you please mention this paper?

THE FARM FLOCK



Converted Barn This Jasper county hen house used to be a barn. Feed is stored in the loft. Water, light, ventilation, insulation keep hens laying.

Makes Hens Eat More

Wet Mash Helps Get More Feed Into Flock

DURING my early married life, I was deeply interested in learning to be a good cook. A very dear, older friend used to make cream biscuits that would melt in one's mouth.

She kept a pan partly filled with flour in the top of her old-fashioned flour bin. She would sprinkle salt and baking powder on top of this pan, add a little cream, and let the mixture take up just the right amount of flour.

I could never do it, but her results were "out of this world."

You can do the same thing as this friend, when you make a wet mash for your chickens—if you are good! It is not a process to be turned over to a helper and then forgotten.

I dislike mixing wet mash and then dribbling it over the feeders, so I keep a long-handled spoon and small pitcher in my feed room.

I stir the mash in the feeders thoroly and make a trough with my spoon, running the spoon back and forth several times, to be sure that the trough has good sides and ends.

I pour water along this trough and "puddle" in it with the spoon, being careful not to disturb the sides and ends of the trough. The hens love to watch the process—and do they ever eat the mash!

Before they go to roost, I stir the mash clear to the bottom of the feeders, to be sure there is no damp mash in the bottom or in the corners. It would mold, and that would be too bad.

That encourages the hens to get up on the feeders and see what has been done, and they generally eat quite a bit more.

We have almost doubled the amount of mash our hens are eating since we began this method, 10 days ago. Our hens were in one of those slumps which come from very heavy laying in the fall.

Because they are eating more mash, they are drinking several gallons more water in a day. Our egg production creeps up daily.

You can lead a hen to feed, but you can't make her eat; but maybe you can make her want to eat. She won't lay unless she does eat. There's no argument about that.

We talked about the storage and care of eggs in the home in my last letter. I gave some instructions which had been sent on from our hatchery.

Please don't think these instructions do not concern you because you do not sell hatchery eggs. You should be interested, because I do not think there was a single direction which should not apply just as well to eggs sold on the market.

Eggs should be gathered often enough that they neither chill nor get overheated under hens when nests are in full use; they should be cooled in wire baskets and not cased while warm; they should be stored in cases in a cool room; and they should never be washed.

If we sort eggs carefully by quality and weight, and make a cull case of dirty and small eggs, buyers might be willing to purchase on grade and pay top prices for good eggs.

When a case is filled at random with clean, dirty, large, small and even cracked eggs, buyers have a lot of handling to do and a lot of eggs unfit for shipping.

Buyers have come to my home and actually taken broken eggs from my cull pan to fill a case or make even dozens. Imagine what such a case would look like when it was opened after shipping.

In all fairness, I must admit one buyer told me frankly that he depended on my eggs to supply his counter trade in a city store. Yet he never paid me one cent premium for them.

I offered to quit the hatchery business altogether and cater to his store for a cent a dozen premium the year around. You'd have thought I was trying to hold him up at the point of a revolver.

There is certainly need for co-operation between producers, buyers, and the dealers who sell the eggs direct to the consumers.—M. E., Jasper County, Iowa.

Hot Water; More Eggs

Hens Won't Pick a Hole Thru Ice

To the Editor: It is astonishing how people neglect their hens and yet expect them to pay. It's common to see frozen waterers in the laying house; the hens may not get any water to drink all day.

We use fountains that come already equipped with oil-burning lamps, and in cold weather keep the lamps going all the time. They don't have to be filled very often, and keep the chill off the water at all times.

Thus, our hens always have water, and we see to it that it's clean and fresh. Also that the water in the fountain never freezes.

A large part of an egg is made up of water, and we see that there are enough fountains to provide all hens with water to drink when they want it.

The fountains are set on wire racks made from the netting such as we use in our brooder houses as flooring. This keeps hens out of the wet spot around the fountain and keeps down filth and disease.

To keep hens from roosting on top of the fountains and thus befouling them, my husband bends a couple of lengths of common clothesline wire into a V-shape, inverts the V's crossed on the top of the fountain lid and solders them in place. Thus, the hens can't roost on the tops.

Lots of people don't feed till noon, leaving their hens all morning without feed, and likely without water, if the fountain is frozen.

Within four or five hours it will be dark. That doesn't give the hens much of a production day!

We don't have electricity, but we do the next best thing and see that hoppers are filled with feed and fountains filled with warm water ready for the hens as soon as they get off the roost. At least, they get in as long a day as possible without lights.

Light is a most important item in any laying house. Washing the windows frequently will be of more benefit than you think. Sunlight is a well-known germ destroyer.

Our windows are mounted so we can tilt them in good weather and let in direct sunshine. This not only helps to keep down disease, but helps to keep the laying house dry.

Sometimes it pays to whitewash the interior of the hen house. It gives a clean and bright appearance, and your hens will appreciate it.

Do you think that's a lot of bologny? Put in a fresh layer of litter and fresh nesting material—then notice how happy your hens are and how they sing!—B. P., Nebraska.

Cull Those Flocks

FOR a good while, Wallaces' Farmer and Iowa Homestead has been urging its readers to cull their flocks heavily this winter. From now on, egg and poultry prices are likely to drop. Feed will be tighter.

Protein allowances for poultry feed have been reduced. Wheat will be sent abroad for food, not used at home for poultry and livestock feed.

If you haven't got rid of your old hens, do so now, even tho the price is not as good as it was earlier. The livestock rush, after the end of the strike, will probably bring a reduction in egg and poultry prices.

Cull out the poor layers—including the puny pullets—and full-feed the smaller flock.

PAW TUCKER—The Early Bird Gets to Shovel the Snow, Too

Airplane View of Larro Research Farm

How to Get the Most Out of the First Twelve Weeks

Your goal is big, sturdy, well-feathered, bright-eyed pullets, capable of making you plenty of eggs . . . birds that will really perform for you in the laying house.

The Larro Pullet Plan can help you reach that goal just as it has thousands of other poultrymen from coast to coast. You simply start your chicks on Larro "Chick Builder." Feed it the first twelve weeks with grains hand-fed as directed. Then change to Larro Egg Mash with grains hopper-fed to maturity.

That's the way to get the most out of those critical first twelve weeks when baby chicks multiply their weight as much as thirty times. They need the quality that's built into Larro . . . quality that promotes steady, even growth . . . high livability . . . big, bony frames . . . large body capacity . . . close feathering . . . and real egg production as adult layers.

General Mills makes Larro "Chick Builder" with the utmost care . . . using only wholesome, high-quality, carefully selected ingredients. The result is that Larro "Chick Builder" provides needed vitamins, minerals, proteins, carbohydrates and other nutrients that help chicks reach pullethood smoothly, rapidly and efficiently with inherited characteristics well developed.

The Larro Way is so easy. Just two mashes to buy, store and feed . . . not three. Hopper-feeding of grains after the twelfth week cuts down your labor tremendously, and also saves big money on mash cost.

• • •

Start with Larro . . . stay with Larro. Ask your Larro dealer today for details of the Larro Pullet plan. Write our nearest office for free Larro Chick Book.

General Mills
Larro Feeds
Dept. 26
DETROIT (2) — SAN FRANCISCO (6)
CHICAGO (4)
(Please address your letter to our nearest office)

For the First Twelve Weeks
Larro "CHICK BUILDER"
Pronounced to rhyme with "arrow"
For The Rest of Their Lives
Larro EGG MASH

Dr. Salsbury's NEW Drinking Water Medicine
Helps Your Chicks Grow FASTER

Unusual Tonic Benefit of Dr. Salsbury's
REN-O-SAL
Stimulates Growth
A New Kind of Drinking Water Medicine
Easy to Use . . . Inexpensive

DR. SALSBURY'S Ren-O-Sal gives you a *new kind* of drinking water medicine . . . with these *new, valuable* benefits: *faster growth, earlier weight development, quicker maturity, earlier egg production.* It's the drinking water medicine you've always *wanted* for your flock; give it to your chicks *right at the start.*

In carefully controlled, typical tests at the Dr. Salsbury Research Farm, Ren-O-Sal treated chicks *grew faster, matured quicker and laid earlier* than did untreated chicks. Actual poultry raiser experience *backs up* these tests. Here's a typical letter:

"When birds *grow* like my chickens did, you can certainly *praise* Ren-O-Sal for its *growth stimulation.* I'll never start my chicks without it."

Give Your Chicks a Good Start with REN-O-SAL

For *faster growth*, give your chicks Ren-O-Sal in the drinking water *right at the start;* use it regularly. *Easy to use.* Drop two tablets in each gallon of drinking water, mix thoroughly. *Safe* in any waterer—*even metal.* Give your chicks Ren-O-Sal's unusual tonic benefits *right at the start.* Ask for *genuine Dr. Salsbury's* Ren-O-Sal at hatcheries, drug, feed, other stores, *now.*

Prevents Spread of Cecal Coccidiosis

In addition to its tonic benefits, Ren-O-Sal, given in proper doses, prevents the spread of *cecal (bloody) coccidiosis* in chickens. Last year Ren-O-Sal *helped reduce losses* in thousands of flocks. At the *first sign* of cecal coccidiosis in your flock, treat according to directions.

Get the *large economy size* package of *genuine Dr. Salsbury's* Ren-O-Sal. Use it regularly for *tonic benefits*, and for *quick help* when cecal coccidiosis strikes.

DR. SALSBURY'S LABORATORIES
Charles City, Iowa
A Nation-wide Poultry Service

Whenever your flock needs help, ask your dealer for "Dr. Salsbury's" poultry medicines, fumigants, disinfectants or vaccines and bacterins.

GET THE GENUINE Dr. Salsbury's REN-O-SAL DOUBLE-PURPOSE DRINKING WATER MEDICINE

Dr. Salsbury's NATION-WIDE POULTRY SERVICE
BUY WHERE YOU SEE THIS EMBLEM
(1) Stimulates GROWTH . . (2) Prevents CECAL COCCIDIOSIS

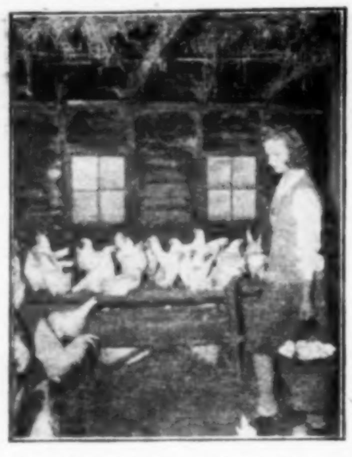
Information Please, Mr. Lewis—
About the items I have marked with an X.
- [ ] BROODERS that are loaned FREE
- [ ] LOW COST BABY CHICKS
- [ ] SELLING Big Premium HATCHING EGGS
- [ ] LEWIS STARTER and HI-TEST EGG-MASH
- [ ] CUSTOM HATCHING at a low cost
- [ ] Big 130-page FREE Poultry Guide
- [ ] OUR MISSIONARY LETTERS PAPER. FREE.

Now paste this Ad on penny postal and mail to—
THE LINCOLN HATCHERY
726 P STREET LINCOLN 1, NEBRASKA
W. G. LEWIS, Pres.
Hear the Daily Poultry Shop Talks: KFAB, Lincoln, 7:45 a. m.; KSOO, Sioux Falls, 6:45 a. m.; KGFX, Pierre, 2:00 p. m.; KMMJ, Grand Island, 4:00 p. m.

R. O. P. SIRED CHICKS
AS LOW AS $4.95 PER 100 DELIVERED
Buy your Baby Chicks this season from one of the OLDEST and LARGEST HATCHERIES in the MIDDLE WEST. Established 1902. 500,000 baby chicks each week. Also Broad Brested Bronze Turkey Poults and White Pekin Ducklings from BREEDERS on our OWN FARMS. All breeding stock, culled, banded and blood tested for B.W.D. by STATE LICENSED INSPECTORS. ALL POPULAR VARIETIES straight run, all pullets or all cockerels. Write today for our chick catalog that is entirely different from all other chick catalogs.
THE PIONEER HATCHERIES OF THE MIDDLE WEST
K. I. Miller Hatcheries, Lancaster, Missouri; Omaha, Nebraska; Des Moines, Iowa. Dept. 109.

Get a New Start — Replace Old Birds — Earn a BIG Steady Income with
BUSH'S STARTED SEX-ED CHICKS $3.95 UP Per 100 C. O. D. F. O. B.
Wh. Leg. Pullets Save 20%
BUSH customers ordered 30,000,000 chicks during war. We have the world's largest combined Hatchery Breedery, over 20 most popular breeds. All flocks supervised by Bush. Over 200,000 customers in 48 states. It pays to buy Bush's best. Day old pullets (up to 300 egg strain) $10.95 up. Hand-picked big Eng. Wh. Leg. 4-6 wk. PULLETS Save 20%. Spec. broiler cockerels, $3.95 up.
FREE 1946 Egg-Record Calendar Catalog. Gives prices, terms, guarantees, discount, etc. WRITE TODAY.
BUSH HATCHERY Box 433-P1, Clinton, Mo.

CHICK·BED
THE PERFECT LITTER FOR LAYING HOUSE AND BROODER
CHICK-BED COMPANY • CEDAR RAPIDS, IOWA



Egg-Gathering time finds Cornette Sampson, 17, picking up bucketfuls on the Otis Sampson farm, in Hardin county, Iowa.

Pays to Have Clean Eggs

To the Editor: We think it is a lot easier to gather clean eggs than to have to clean them before taking them to market. So, first of all, we see to it that there are plenty of nests to accommodate the laying hens. That means one for every five hens, as we have a heavy breed at present.

Be sure that the nests are large enough. If they aren't, that means more broken eggs.

Our nests are movable, and can be taken out, the contents dumped, and fresh material put in. It doesn't take long, and it certainly makes cleaner eggs and fewer broken ones.

Eggs won't break as easily if hens get plenty of grit—that goes without saying. We always have the oyster shell bin filled.

Next is keeping the litter dry on the hen house floor. This helps to keep the eggs cleaner.

We use straw for litter. This absorbs moisture and helps keep the floor clean and the house comfortable. We clean and replace it when necessary.

Water fountains are mounted on wire racks, to prevent a wet circle around the fountain and to keep down disease. If there isn't a wet place, the hens' feet won't get so dirty, and that means more clean eggs, too.

We use droppings pits, so the hens can not walk in the droppings continually, and, of course, this helps toward clean eggs.

Gathering eggs often means fewer broken ones, cleaner eggs, and keeps them from heating or freezing. Sort and grade them as they're gathered. Saves time later on.

Don't store eggs near kerosene, turpentine, fly spray or anything of that sort, as the eggs are likely to absorb the odors. Rotten potatoes or stored apples also give an undesirable flavor to eggs if they are stored too near.

We market eggs twice a week in winter; oftener, of course, if we go to town. In summer, we market three times a week. That means better quality eggs at marketing time.

We can't refrigerate our eggs, so we store them in a cooling cave and try to prevent as much evaporation as possible. — B. P., Nebraska.

ARE YOUR LAYERS LAGGING?
Give your birds a BOOST with
MANAMAR
The SEA POWER concentrate
Supplies • Extra Fish Protein • Sea Food Minerals • Vitamins A, B, D, & G
Insist on Feeds made with ManAmar.
A helpful poultry booklet and FREE information about ManAmar are yours for the asking. Write
PHILIP R. PARK, Inc.
608 S. Dearborn St., Chgo 5, Ill. • San Pedro, Cal.

FREE
HOW TO GROW PRODUCTIVE PULLETS
New 1946 Book on Chick Raising
This free book tells how to raise big, healthy birds with long laying life, and how you may save up to 30% or more on feed cost.
Gives full information on the rearing plan which has produced many World's Record egg-laying champions in the National Contests. A gold mine of valuable information on how to cash in on the profit opportunity for poultrymen in 1946. For your FREE copy write today to
THE QUAKER OATS CO., Dept. B-36, Chicago 4, Ill.

FARM BUILDING PROBLEMS SOLVED!
Healthful, Comfortable BUILDINGS for Every Need
WALNUT PRE-FABRICATION FOLDER—FREE
Brooder Houses . . . Stock Sheds . . . Hog Houses . . . Laying Houses "Vensulated" for practical control of warmth and moisture. Assemble them yourself. Convertible Garden House—18x36, two bedrooms. Ideal for farm tenant use. Write for information or see your dealer.
WALNUT VALUES
- EASY ERECTION
- ROOMINESS
- GOOD QUALITY
- INSULATION
- VENTILATION
- FAIR PRICES
- GOOD LOOKS
- COMPLETE LINE

GBH-WAY HOMES, Inc. WALNUT, ILL.

Walko TABLETS FOR ALL POULTRY
The reliable drinking water antiseptic. At all druggists and poultry supply dealers. 50c, $1.00, $2.50 and $4.00.
MONEY BACK GUARANTEE
WALKER REMEDY COMPANY, Waterloo, Iowa

MARTI'S FULL 4 WEEK OLD WHITE LEGHORN PULLETS 250-350 PEDIGREED SIRED
4-WEEK PULLETS $25.50
Baby Cockerels
100% LIVE ARRIVAL—FREE CATALOG
MARTI LEGHORN FARM, Box T, Windsor, Mo.

BUY YOUR CHICKS FROM A HATCHERY THAT maintains a poultry breeding farm. ... to be the most successful plan for poultry ... ment for hatcheries. A hatchery that ... of chicks each year has a better ... selecting choice breeding stock for flock ... ments. We hatch large type English White Leghorns, Austra-Whites, Minorca-Leghorn ... White Rocks, Black Giants and Black Australorps. Write for chick folder and price list.
SPRING VALLEY CHICK HATCHERY AND POULTRY FARM
SPRING VALLEY MINNESOTA

THE ZEELAND HATCHERY ... These breeds ... Big English, White Leghorns, White and ... Rocks, New Hampshires, R. I. Reds, White Wyandottes. Also these two sensational ... Minorca Leghorns and Austra Whites. ... service—liberal guarantee. Buy from ... largest and most modern hatchery. ...
THE ZEELAND HATCHERY, ZEELAND, MICH.

BUY ROSCOE HILL CHICKS...
for greater profits. 8 egg and meat breeds ... Customers in this area and adjacent states ... Roscoe Hill chicks for top grade eggs and ... demanded on today's premium markets. ... Write today for prices—early order ... Free Catalog.
ROSCOE HILL HATCHERY
903 R Street Lincoln, Nebraska

U. S. Approved Pullorum Tested Chicks
We have pleased thousands with our ... service and honesty. 100,000 chicks ... weekly. Popular varieties. ... Also sexed or unsexed. Prices always right. ... per 100 and up.
KAUP'S MAMMOTH HATCHERY
Box 8E PRINCETON, INDIANA

COLONIAL CHICKS

WORLD'S LARGEST SELLING CHICKS

Announces **NEW CUT-PRICE OFFER**

Farmers and Poultry Raisers raise chickens for one reason—TO MAKE MONEY. For the past 19 consecutive years, more people have raised Colonial Chicks than any other kind, which seems to prove that Colonial Chicks MAKE THEM MONEY! It isn't just an accident that this happened, because during the past ten years alone, Colonial has spent over One Million Dollars in improving our breeding stock.

HOW COLONIAL GIVES YOU MORE FOR LESS MONEY . . . .

Use Pedigreed males each year, and mate the best hens from such a mating, generation after generation, until most of our Egg breeding stock is nearer 100% Pedigreed blood than they are to 50%! A Pedigreed chick would cost you from six to ten times $1.00 each. Colonial gives pullets with over 50% Pedigreed blood, with a fraction of that cost!

ROCK BOTTOM PRICES

As volume goes up, costs come down. That is why COLONIAL—world's largest chick producers—can sell better quality chicks for LESS! Our best costs only a little over 10c each. Our lowest assortments are low as . . . $5.90 PER 100

2 BIG BOOKS & CUT-PRICE OFFER FREE

On R. O. P. Sired Chicks. Leading pure-breds and cross-breeds. All U. S. Approved, U. S. Pullorum Tested. SEXED, if desired. Easy terms of $1 down.

SPECIAL! ADDED BONUS

We want to mail you our four-color catalog, showing chicks in natural colors and explaining our breeding program in full. Contains 112 pictures. In order to induce you to send for this free catalog promptly we will also send you, at the same time, a free copy of the $1.00 book—"More Money From Chickens." This is a real poultry book, no advertising, fully illustrated. Written by over 20 farm college experts. Every idea farm tested. Science has proved false many an old expensive idea about raising poultry. Get the latest facts in this book. Gives the best methods for raising chickens from chick to laying hen. How to save 20 to 30% in feed costs. Plans for poultry equipment so you can make your own and save money. Hundreds of questions answered. Just off the press. Write today!

Mail Postal Today!

COLONIAL POULTRY FARMS Box 542 Shenandoah, Iowa

Amazingly Low Price Baby Chick Offer

Extra high livability from high production

WHITE LEGHORNS, U. S. APPROVED PULLORUM CONTROLLED FLOCKS

	ST. RUN	PULLETS	COCKERELS
AAAA Grade	$11.90	$21.90	$4.95

White Rocks, White Wyandottes, S. C. Reds and New Hampshires

	ST. RUN	PULLETS	COCKERELS
AAAA Grade	$11.90	$16.50	$11.90

Heavy Asst. St. Run $8.25, Heavy Asst. Pullets $11.90, Heavy Asst. Cockerels $4.75.
If you send cash in full we pay all delivery charges.

IVAN BERRY HATCHERY Box 431-A SEDALIA, MISSOURI

---

28 LEADING VARIETIES

BROOKFIELD "BIG MONEY BRED" CHICKS

250-325 Egg Trapnest Foundation Breeding

Profit-ability bred-in, fed-in, hatched-in! Many generations 250-325 egg individual-pedigree sires. Progeny proved for high livability, fast growth, profitable production. Famous egg strains in all 28 varieties. 18th year of Pullorum bloodtesting assures top-notch livability.

Special DISCOUNTS on Orders for 300 or More CHICKS

Big Volume Permits LOWEST PRICES!

Large scale production at small profit margins enable us to price our chicks out of the high price brackets . . . give you honest-to-goodness egg breeding at sensible, low prices.

FREE CHICK MANUAL and CATALOG

A complete Poultry Raiser's Guide . . . 24 pages full of helpful information PLUS our Illustrated Catalog FREE! Get this unique catalog and our low prices before you order chicks. Write for it today!

Satisfaction GUARANTEED 4 WAYS
Prompt Delivery!
Live Arrival!
Sex Accuracy!
Livability!

BROOKFIELD CHICKERIES Bx. 113 -Brookfield, Mo.

WHITE LEGHORNS

World's Famous Barron Strain, Pedigreed Sired

AAA Day Old Straight Run	AAA Day Old Pullets	Baby Cockerels	$2.90
$8.90	$15.90	4 wk. old Pullets	$25.90

ALLEN HATCHERY Box WF WINDSOR, MO.

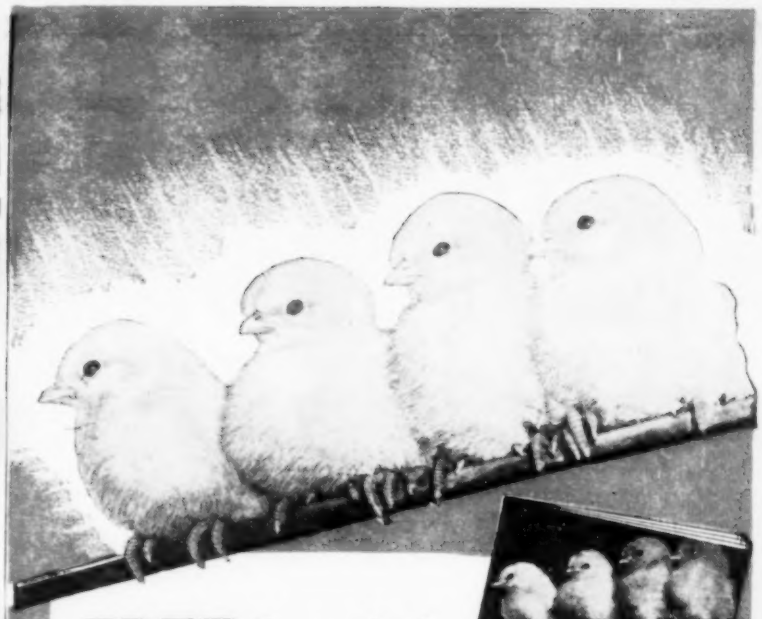
NOW ZEELAND HATCHERY TURKEY POULTS ARE GUARANTEED!

The Zeeland Hatchery now protects you with this complete 4 way guarantee.
1. Guaranteed 100% Live Arrival
2. Guaranteed Livability for 10 days
3. Guaranteed delivery within 1 week of date promised
4. Guaranteed true to name and description

This is your insurance—your protection. Be sure to get all the details when you order Poults. No other hatchery makes this guarantee!

Broad Breasted Bronze—White Hollands—Bourbon Reds
Special Early Order Discounts now in effect
Special low prices on February and March Poults
The Big 24 Page Turkey Catalog and Guide is free. Send for the 1946 Edition today!

The Zeeland Hatchery DEWITT BROS. Zeeland, Michigan



FREE *Special Baby Chick*

PRICES and EARLY ORDER DISCOUNTS

Before you buy chicks anywhere, send for this FREE Folder containing special early order discounts and prices on Iowa Master Breeders' Chicks. Specially bred for BIG-TYPE, they're world famous for genuine quality. Really make your farm poultry pay. 14 breeds. Sexed or straight run. Hatching now. Mail coupon today.

MAIL TO
IOWA MASTER BREEDERS, INC., Dept. 39
(Locations listed below)

NAME .....
ADDRESS .....
CITY ..... STATE .....

Detroit Public Libr

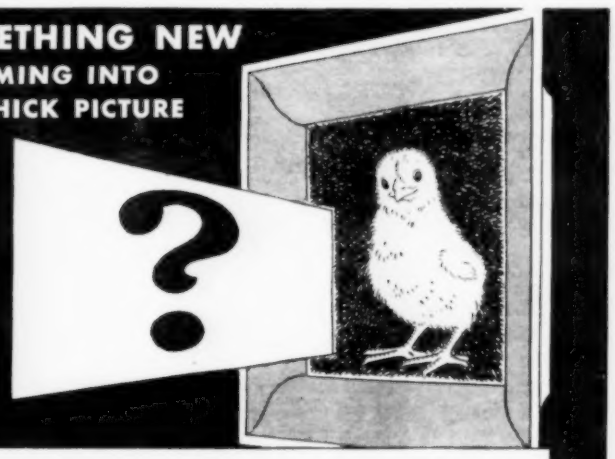
IOWA MASTER BREEDERS, INC.

Everything for Poultry

IN IOWA: Onawa—Denison—Sioux City—Ida Grove—Mason City—Cedar Rapids—Carroll—Fort Dodge—Waterloo—Missouri Valley
IN NEBRASKA: South Omaha—Grand Island—Fremont
IN SOUTH DAKOTA: Sioux Falls—Yankton—Huron—Aberdeen—Watertown

---

SOMETHING NEW IS COMING INTO THE CHICK PICTURE



WATCH FOR ANNOUNCEMENT FROM CARGILL

COLONIAL Austra-Whites

Best grade rich in 200-300 egg R.O.P. blood. Double tested for pullorum. As hatched or sexed. Vigorous, rapid growth, excellent broilers. Customers report over 200 eggs per hen. Big Catalog free. COLONIAL POULTRY FARMS, Shenandoah, Iowa

---

MOTHER MILLER CHICKS

FAMOUS LAYERS SINCE 1912

Two big hatcheries; 54 years' experience; our own breeding farm. Hardy, northern-bred stock. Popular and leading breeds. We ship AIR EXPRESS! Write for FREE BOOK and prices. The Miller Hatchery, Department 95, Bloomington, Illinois.

—PUT YOUR EXTRA DOLLARS INTO U. S. SAVINGS BONDS—

FOR GOOD RESULTS

FEED...

MoorMan's

MINERAL FEEDS & CONCENTRATES

12 Different Feeding Jobs

12 Different Complete Mineral Feeds

MOORMAN MFG. CO. QUINCY, ILL.

"When our hens get Colds My Dad uses the *LEEWAY"

* Spray with VAPO-SPRAY OR Put LEEMULSION in the Drink

COSTLY COLDS Cut Egg Production

The Lee Way: Either Leemulsion just stirred into the drinking water, or Vapo-Spray sprayed over the heads of the hens. **Either one is sufficient in most cases,** although in severe cases it is good to use both. At your Lee Dealer (drug, feed, seed, or hatchery).

GEO. H. LEE CO. Omaha 8, Nebr.

TOP CASH FOR FEATHERS

CEILING PRICES FOR NEW and used feathers. Ship your feathers to this old, reliable company. We pay GOOSE—white or grey, $1.37½ lb. DUCK—white or colored, $1.10 lb. TURKEY—white body, 50c lb. Highest prices also paid for goose-duck wing and tail feathers (quills), and for used feathers. Remittance same day. No deductions for handling. All shipments accepted. Body feathers must contain natural down. Send samples of used feathers for quotation. PROGRESS FEATHER CO., 657 W. LAKE ST., CHICAGO 6, ILL.

BRUNES' MARVEL STRAWBERRY. The new large, sweet everbearer. Folder Free. CHAS. BRUNES, Originator, PEQUOT LAKES, MINN.

DE HORN YOUR CALVES

WITH Dr. Naylor's DEHORNING PASTE

Requires only one application over horn button. No cutting. No bleeding. 4-oz. jar dehorns many calves, kids, or rams. $1.00 at dealers or by mail. Postpaid.

H. W. NAYLOR CO., MORRIS, N. Y.

PIGEONS Old Live Common Pigeons Wanted. Large quantities. Top prices. RUSS ELLIOTT - - HAYTOWN, MISSOURI

Hy-Line CHICKS

The NEW KIND of Chicks - ... Bred Like Hybrid Corn

Mrs. Everett Scarff
Wayland, Iowa
Her flock averaged 193 eggs per bird on two-housed basis.

Hy-Line pullets are real layers. Flock averages, 180 to 200 eggs are common. Hy-Lines laid 54% more eggs than standard bred chickens in Iowa farm tests. Won 1945 Illinois Egg Contest.

COMPLETE FACTS FREE in new Hy-Line Catalog. Every poultry raiser should have it. Ask nearest cooperating hatchery or write us direct.

Hatcheries Producing Hy-Line Chicks in Iowa

Alexander	Alexander Hatchery
Buffalo Center	Grotewold's Farm Store
Coon Rapids	Rippey-Miller
Des Moines & Johnston	Hy-Line Poultry Farms
Dyersville	W. J. Lammers
Grinnell	Rudkin Hatchery
Indianola	Stewart's Hatchery
Lake Mills	Grotewold's Farm Store
Marengo	Marengo Hatchery
Mt. Pleasant	Baxter Hatchery
Sac City	Sac City Hatchery
Washington	Ramseyer Hatchery

The supply of Hy-Line Chicks is limited. So order now and save money on early-hatched Chicks.

Hy-Line POULTRY FARMS JOHNSTON, IOWA

MODEL CHICKS

ENGLISH TYPE WHITE LEGHORNS

AAA GRADE

Straight Run	Pullets	Cockerels
$9.90	$17.90	$2.40

BARRED ROCKS, WHITE ROCKS
S. C. REDS, BUFF ORPINGTONS

AAA GRADE

Straight Run	Pullets	Cockerels
$9.90	$13.90	$8.90

3-4 Wk. Old Started Pullets
LIVE ARRIVAL PREPAID

ALEXANDER'S MODEL HATCHERY
CREIGHTON, MISSOURI

FREE! 21" all metal toy dump truck with each order of 300

STOUFFER'S CHICKS
U. S. Approved—Pullorum Tested
Write today for details.

We offer 14 varieties. Sexed or unsexed. Immediate delivery. Satisfied customers in every state. Guarantee 100% arrival. Prepaid. Write for complete prices and catalog.

STOUFFER'S HATCHERY LENA, ILLINOIS

STOUFFER'S CHICKS
BLOOD TESTED, INSPECTED FLOCKS

White, Brown, Buff Leghorns, Anconas, Rocks, Wyandottes, Reds, Orpingtons, $13.95. Also sexed chicks. AAA Matings 1c per chick higher. Get complete prices. Heavy Assorted, $7.95. Light Assorted, $6.95. Leghorn Cockerels, $1.95. Collect.

SADIE STOUFFER HATCHERY
Waddams Grove, Illinois

MAKE MONEY raising White King Pigeons. Wonderful breeding stock, reasonable. Send dime for booklet. GEBHARDT FARM, Muscatine, Iowa.

WHOLESALE PRICES DIRECT TO YOU! 20 breeds fluff guaranteed chicks. Amazingly low prices. Free catalog. Wayne Hatchery, Wayne City, Illinois.

WHAT IS Methiosol?

See the next issue of Wallaces' Farmer

PHILLIPS' CORONA OINTMENT

THIS FELLOW IS GOING TO NEED HELP!
BE READY WITH CORONA

Always use this rich, antiseptic dressing for minor cuts, galls, scratches. Ideal for massage, hot pack and dressing. Helps overcome cracking, tightness in dairy barn, use on teats, udders for chaps and cracks. A soothing, softening healing aid.

A fine daily "helper" in barn and home.

8-oz. size 75¢ at dealers FREE SAMPLE. Write today!

CORONA MFG. CO. Box 2182, KENTON, OHIO SINCE 1918

Get Free Sample

Piles

Free Trial on Request

If you can't sit comfortably, can't stand or walk without discomfort, you should try Page's Palliative Pile Preparations. More than 2 million packages already used. Try it **FREE.** Just send us your name and address on a postcard. Follow simple, easy directions. You may feel quick relief from the burning and itching misery. Send no money. Trial is FREE.

E. R. Page & Co., Dept. 924-N3 Marshall, Mich.

When Your "Innards" are Crying the Blues

WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards", and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S SENNA LAXATIVE CONTAINED IN SYRUP PEPSIN

KIDNEYS MUST REMOVE EXCESS ACIDS

Help 15 Miles of Kidney Tubes Flush Out Poisonous Waste

If you have an excess of acid in your blood, your 15 miles of kidney tubes may be overworked. These tiny filters and tubes are working day and night to help Nature rid your system of excess acids and poisonous waste.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Kidneys may need help the same as bowels so ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 40 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

More Than a Laxative Is Often Needed

When you feel out of sorts, nervous and suffer from headaches, gas, bloating, indigestion and lack of appetite, which may all be due to functional constipation—get Fahrney's **Alpenkräuter**—the time-proved laxative stomachic tonic medicine. Contains 18 of Nature's own medicinal roots, herbs and botanicals. Caution: Use only as directed. Gently and smoothly **Alpenkräuter** puts sluggish bowels to work and aids them to eliminate clogging waste; helps expel constipation's gas, gives the stomach that feeling of warmth. Be wise—comfort your stomach while relieving constipation. Get **Alpenkräuter** today.

If you cannot buy it in your neighborhood, send for our "get acquainted" offer on **Alpenkräuter** and receive—

EXTRA 60c VALUE—TRIAL BOTTLES OF

FAHRNEY'S HEIL-ÖEL LINIMENT—antiseptic—brings quick relief from rheumatic and neuralgic pains, muscular backache, stiff or sore muscles, strains and sprains.

FAHRNEY'S MAGOLO—alkaline—relieves certain temporary stomach disturbances such as acid indigestion and heartburn.

MAIL COUPON NOW

☐ Enclosed is $1.00. Send me postpaid 11 oz. **Alpenkräuter** and—the extra 60c value—trial bottle each of Heil-Oel and Magolo.

☐ C.O.D. (charges added).

Name.....

Address.....

Postoffice.....

DR. PETER FAHRNEY & SONS CO.
Dept. 941-30F
2501 Washington Blvd., Chicago 12, Illinois

FROM THE VERY Start

USE

Dr. LeGear's A-A Poultry Tabs

Yes, from the very day you get your baby chicks this spring . . give them the benefit of Dr. LeGear's A-A POULTRY TABS in THEIR DRINKING WATER!

A-A POULTRY TABS cost SO LITTLE . . . and help you protect your chicks against that *bothersome — troublesome* problem almost every chick raiser has to solve simple diarrhea.

Be prepared! Get Dr. LeGear's A-A POULTRY TABS from your drug, hatchery or feed store . . BEFORE YOUR CHICKS ARRIVE!

DR. LEGEAR'S A-A POULTRY TABS

DR. LEGEAR MEDICINE CO. ST. LOUIS 16, MO.

HENS DYING from Cholera or Typhoid?

Don't lose those valuable birds. Begin treatment at once! Give FOWLTONE in the drinking water in any kind of waterer.

Thousands of pleased customers can't be wrong. FOWLTONE is economically priced at only $2.75 a gallon. Get a supply, now!

At your dealers or sent prepaid on receipt of price. Pamphlet on poultry diseases sent FREE. Dealer inquiries invited.

Dr. Jespersen's LABORATORIES

Spencer Poultry Health Aids Iowa

GOLDEN VALLEY CHICKS

U. S. Approved, Bloodtested, Scientifically culled to lay and be profitable. White Rocks, Barred Rocks, White Leghorns, White Wyandottes, New Hampshires, Austra-Whites.

St. Run as low as $7.45 Also 2 and 4 week Started Chicks

Write for 3 week replacement guarantee and big discount on early orders.

Dept. G GOLDEN VALLEY HATCHERY Parkville, Missouri

Brood Stock 250-350 Egg Sired White Leghorns $8.25

Baby Pullets $14.95 Cockerels $2.45

4-Week-Old Pullets

MOSS HATCHERY, Box WF, Windsor, Mo.

STOUFFER LEGHORN CHICKS

28 to 327 blood lines. Official contest winners. Bred for large size heavy production large white eggs, catering to commercial egg farms. Every bird pedigreed sired. 28th season. Early order discount. Free circular.

STOUFFER POULTRY FARM & HATCHERY, Box W, Mount Morris, Illinois

WHITE LEGHORNS Unsexed $8.95 — 95% Pullets $15.45

Barred Rocks, White Rocks, White Wyandottes, S. C. Reds, ... $8.95 UP F.O.B. 100% LIVE Guarantee

Heavy Asstd. $7.95. Cockerels $3.95 up.

FREE CATALOG. 25 Breeds

Bloodtested--Egg Bred--High Livability.

Big savings on early orders. Started Pullets. Write today.

THOMPSON HATCHERY, Box 1337-T2 Springfield, Mo.

THE ZEELAND HATCHERY offers the two most profitable breeds: Minorca-Leghorns (Black Minorca Males crossed with Big English White Leghorn females) and Austra-Whites (Black Australorp males crossed with Big English White Leghorn females). These amazing crosses produce large birds, lay more eggs plus better livability. We also have all popular pure bred chicks. Send for Big Free Catalog.

THE ZEELAND HATCHERY ZEELAND, MICHIGAN

WHITE LEGHORN PULLETS

SELECT PULLETS—CHOICE GRADE	AAA	AAAA	AAAAA	Key Flock
2 to 3 weeks old — Per 100	19.90	23.90	25.90	27.90
3 to 4 weeks old "	28.95	30.95	31.95	33.95
4 to 5 weeks old "	29.95	31.95	32.95	35.95
4 to 6 wk. open range "	30.95	34.95	37.95	39.95

100% delivery. Give express office: send M.O. Cat. Free

BUSH White Leghorns, Box 433-TD, Clinton, Mo.

RAISE WYNGARDEN BROAD BREASTED BRONZE TURKEY POULTS

Bred from selected Northern-bred stock for livability and economical production of premium meat. Also White Hollands. Send for new 16-page Turkey Raisers Book. It's free!

Wyngarden Farms & Hatchery, Box 16, Zeeland, Mich.

STOUFFER'S

U. S. Approved Pullorum Controlled N. H. Reds

PULLETS $22.00 PER HUNDRED

STRAIGHT RUN $14.00

Guaranteed to Satisfy.

STOUFFER'S POULTRY FARM

Clarence Stouffer, WADDAMS GROVE, ILLINOIS

—Keep the Bonds You Have and Buy More—

Sarah Jane Says:

Better Records Needed

To the Editor: This year has started out at a strenuous pace. I rather begrudged the time our insignificant (as to amount) income tax report required, but it had to be attended to.

I wondered if I could ever start in on the sewing I had put away (a couple of little feed-sack dresses for small children).

The washing did not get dry as soon as usual, and the ironing was therefore postponed, and when I finally had it finished it took the next day to do the mending.

It seemed that nearly everything had something wrong—buttons off of shirts, aprons to patch, dresses to mend, blanket edges frayed so they had to be bound.

The flu kept me from doing anything I wanted to do for a few days. So now I think I shall start on my long-deferred sewing, as a treat for myself. I had to go to the sewing circle today without my assignment finished.

Other women had made lovely little dresses, underwear, layettes, and comfort tops, which we tacked today. Then several faithful ones packed clothing till almost dark, to ship.

It was fine to see so many pairs of shoes and warm coats and other warm garments being packed into the boxes. There were about twenty of us working.

One of my resolutions for this year was to intensify my efforts in keeping account of expense of feed, etc., as well as to keep a record of eggs, cream and poultry.

I did keep these accurately, but I carried some of the cream tickets around so long the dates on them were quite blurred.

It's nice to be rid of the ration stamps, etc., that have cluttered up our handbags. Sugar seems to be our chief worry now.

If I kept a diary, I might be able to keep track of things I do for our hens, but I don't think it would be very interesting.

It would read something like this:

"January 14—Cleaned the laying house; spread ashes on the board; took out wet litter, disinfected chicken fountain.

"January 15—Killed a droopy, sick hen.

"January 16—Sold last of the young chickens.

"January 17—Put fresh straw in nests and fresh ashes in dusting box.

"January 18—Give hens more milk now. Warm today. Opened windows. Hens enjoyed sunshine. More eggs, but hens still are not doing well enough."

Corn gathering has slowed down on account of the ice in the river. That is, it takes extra work to take a load across with the tractor.

The horses crossed all right without the load; but they need shoes. It has been a long time since we've had any horses shod. We always used to have one team shod in winter for icy roads, etc.

Our river was out for a while because the ice blocked the channel.—Sarah Jane, Warren County, Iowa.

1946 POULTRY and LIVESTOCK PROFIT GOALS

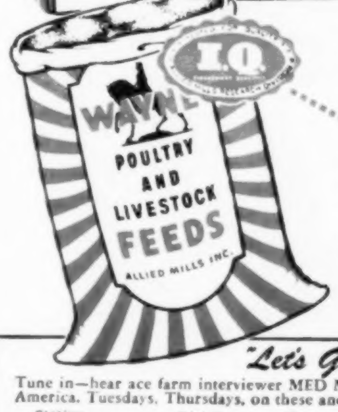
● What's ahead in meat, milk and egg profits? Whatever 1946 brings, your profits will *still* be in proportion to how much you can *lower your production costs* and *increase returns* from your poultry and livestock. So aim for the PROFIT GOALS shown below . . . as do thousands of feeders throughout America who follow the WAYNE WAY to profits—with good stock, properly handled, plus the advantage of WAYNE "Full Strength" FEEDS.

GOAL for CHICKS: Well-developed *profit pullets*, of good breeding built to lay 50 or more eggs first 3 months—180 to 200 eggs the first laying year.

GOAL for POULTS: 4½ pounds or better at 8 to 10 weeks, finishing rapidly into chunky, well-meated No. 1 birds at market time...at low feed cost.

GOAL for PIGS: 8 or better per litter, reaching 40 lbs. at 8 weeks—gaining steadily to market weight of 200 pounds or more in 6 months or less.

GOAL for CALVES: Thrifty and smooth at four months, "dry fed" at saving of 1,000 lbs. milk per calf over old milk method.



Get a HEADSTART with WAYNE "FULL STRENGTH" FEEDS

WAYNE is the *only* feed carrying the "IQ" Seal. Triple tests for "*Ingredient Quality*" assure "FULL STRENGTH" sources of vitamins and other vital nutrients for your feeding program . . . *help you make your PROFIT GOALS*. Start TODAY on the WAYNE WAY!

ALLIED MILLS, INC.

General Offices: Chicago, Ill., Service Offices: Ft. Wayne, Ind.

"Let's Go Visiting"

Tune in—hear ace farm interviewer MED MAXWELL calling on interesting people of Rural America. Tuesdays, Thursdays, on these and other leading farm radio stations:

Station	Dial No.	Time	Station	Dial No.	Time
WHO, Des Moines, Ia.	1040	12:15 noon	WTAD, Quincy, Ill.	930	6:30 a.m.
WMT, Cedar Rapd., Ia.	600	6:45 a.m.	KXOK, St. Louis, Mo.	630	6:30 a.m.
KFAB, Lincoln, Neb.	1110	6:32 a.m.	WNAX, Yankton, S. D.	570	6:45 a.m.*
WLS, Chicago, Ill.	890	6:30 a.m.			

*(Monday-Friday)

BOLSON'S CHAMPION CHICKS

TESTED QUALITY

We are now taking order for

OUR 1946 CHAMPION CHICKS

We have one of the best equipped poultry farms in the Middle West — stocked with the finest blood lines in America. We feature nine pure breeds and two cross breeds.

If It's Real Quality You Like— Send for Our Price List

Bolson Poultry Farm, D1, Decorah, Iowa

LUX R. O. P. Leghorns

Iowa—U. S. Certified Chix and Eggs. 20,000 daughters and granddaughters of our ROP hens with records of 200 to 332 mated to ROP males from hens with records of 300 to 354 eggs. 22 years breeding experience. Iowa's largest ROP Leghorn Breeding Farm. Catalog.

LUX LEGHORN LAND FARMS, Hopkinton, Ia.

WHITE LEGHORNS

UNSEXED $9.90—PULLETS $15.90

BARRED ROCKS WHITE ROCKS WHITE WYANDOTTES S. C. REDS $9.90 per 100 Prepaid

FREE CATALOG

Explaining 2 week replacement guarantee.

U. S. Approved U. S. Pullorum Tested

R. O. P. Foundation Breeding

SCHLICHTMAN HATCHERY, Appleton City, Mo.

THOMPSON'S CUT PRICES!

All leading breeds. Also sexed chicks and hybrids. Our large production means real cut prices on lowest priced standard grade up to R.O.P. pedigree sired. Catalog free. Tilmer Thompson Hatchery, Elmore, Minn.

RELIABLE DUCKLINGS

MAMMOTH WHITE PEKINS

Ducklings from quality breeding stock available every week in the year at very reasonable prices. Write, RELIABLE DUCK FARM, Zeeland, Mich.

SULFA-GUAN-I-DINE

DEADLY ENEMY OF INTESTINAL INFECTIONS IN LIVESTOCK

Sulfaguanidine works rapidly to save animals and poultry from intestinal infections. For full protection, start treatment promptly.

When white scours endangers your calves, use Sulfaguanidine without delay for prevention and treatment.

Most hogs with uncomplicated acute necro recover when Sulfaguanidine is used at the first sign of necro. Get sheep coccidiosis quickly under control by mixing Sulfaguanidine with the feed.

All types of coccidiosis in poultry yield to Sulfaguanidine, even in large flocks raised under crowded conditions. Control is usually achieved with little death loss or stunting.

If your dealer cannot supply you, please send us his name. Free illustrated booklet on request.

Lederle ANIMAL INDUSTRY DIVISION

Use KEMVITE* (Sulfaguanidine and Niacin) for scouring pigs and calves deficient in niacin, one of the B Vitamins. The Sulfaguanidine in KEMVITE combats the intestinal infection; the niacin content corrects the lack of this vitamin. *Reg. U. S. Pat. Off.

LEDERLE LABORATORIES, INC.
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.

This Year an Ample Supply of

HAWK-EYE HYBRID Seed Corn

HAWK-EYE BRAND

This time-tested hybrid seed corn, which is especially developed to assure high yield in mid-west soil, is available this year in sufficient quantities to meet your needs. Order your supply now from your Hamilton dealer. You can plant Hawk-Eye Brand Hybrid Seed Corn with the assurance that your crop will withstand adverse weather conditions. Plant Hawk-Eye this year for greater profits.

In addition to Hawk-Eye Hybrid Seed Corn, there is also a limited supply of Hawk-Eye Brand field seed, available at Hamilton dealers throughout Iowa.

HAMILTON SEED & COAL CO.
CEDAR RAPIDS, IOWA...Established 1869

LEMON JUICE RECIPE CHECKS RHEUMATIC PAIN QUICKLY

If you suffer from rheumatic, arthritis or neuritis pain, try this simple inexpensive home recipe that thousands are using. Get a package of Ru-Ex Compound, a two-week supply today. Mix it with a quart of water, add the juice of 4 lemons. It's easy. No trouble at all and pleasant. You need only 3 tablespoonfuls two times a day. Often within 48 hours—sometimes overnight—splendid results are obtained. If the pains do not quickly leave and if you do not feel better, return the empty package and Ru-Ex will cost you nothing to try as it is sold by your druggist under an absolute money-back guarantee. Ru-Ex Compound is for sale and recommended by druggists everywhere.

Keep On Buying Bonds To Insure the Peace !!

Prevent Freezing!

WARM WATER For Livestock With—

SIEBRING TANK HEATER

Warm water all winter for livestock brings better production, faster gains. New, low-cost, super-efficient Siebring Heater prevents freezing, keeps water warm, even in coldest weather. Economical! Trouble-free! Runs week at time without attention!

AT YOUR DEALER! If not, write for Free Literature

SIEBRING MANUFACTURING CO. 903 MAIN ST. GEORGE, IA.

Farm News Briefs

INCREASED DEMAND for eggs, during the strike, didn't help the price much. Apparently, the hens laid faster than ever.

▲▲▲

POULTRY moved out of storage at the same time, to replace meat, but market prices shifted only a little.

▲▲▲

SCHOOL LUNCH program, on a permanent basis, got a boost from President Truman in his annual message.

▲▲▲

LOANS authorized for Rural Electrification Administration may total 250 million dollars, an increase of 50 million over this year. At least, this is what the budget recommends.

▲▲▲

SOIL CONSERVATION payments are to be cut from 356 million dollars in 1945 to 270 million in 1946, if the Truman recommendations are followed.

▲▲▲

HEADLINERS on the National Farm Institute, on tap for Des Moines, February 15 and 16, will probably be Henry A. Wallace, Sir John Orr, director of the United Nations' FAO, American Farm Bureau President Ed O'Neal, National Farmers Union President Jim Patton, and Paul G. Hoffman, chairman of the Committee for Economic Development.

▲▲▲

M. G. BIRLINGMAIR, former Appanoose county, Iowa, extension director, soon steps into the job of secretary-manager of the Iowa Sheep and Wool Growers Association. He follows Charles Sexton, who was killed last December in an automobile accident.

▲▲▲

IOWA BEEF producers, who have looked to Walter Brown, field representative of the state organization, for getting local breeder groups going, will soon be getting their promotion assistance and advice from some one else. Brown is going to a Marion county-seat bank—into a community where he was a former county extension director.

▲▲▲

EASTERN IOWA hog raisers are looking toward March 23, when the state Spring Market Hog Show will come off at Cedar Rapids. It's limited to hogs farrowed after last August 15.

▲▲▲

BLACK HAWK county's Ernest Wright has a coveted "first" in his dairy barn—12 registered Holsteins which brought him the National Holstein Association's Progressive Breeder award—the first to an Iowan. And only 82 other dairymen in the nation have ever won this highest of dairy breeding awards.

▲▲▲

THE IOWA Farm Bureau Federation has to worry about the housing shortage, too. The Valley Bank building, in Des Moines—long the home of the Bureau—has been sold to the Veterans Administration.

THE BOYT HARNESS
"The Standard Work Harness of America"

Today, as for the past 45 years, BOYT is still making THE STRONGEST WORK HARNESS IN AMERICA. In cost per year, genuine Boyt Harness is most economical, because it outwears ordinary harness 2-to-1.

YOUR HORSES work as never before with the extra comfort of BOYT AIR-CUSHION COLLAR

DOES MORE COSTS LESS NOT Inflated

New cushion principle (not inflated) prevents and cures sore shoulders. Easiest to fit. Keeps cooler and drier. Wears longer—costs less. Don't buy ANY collar 'til you get Boyt's FREE Book. Write today. BOYT HARNESS CO., 202 Court Avenue, Des Moines, Iowa.

SAVING MONEY on COLLARS & HARNESS

Send for FREE Harness and Collar Book

Raise MORE Pigs with

CAMPBELL'S "Pig-Saver" Brooder

Keeps pigs from freezing—helps reduce death losses from sow crushing. Should easily pay for itself in one season. Just plug it in. Dependable 500-watt Chromalox heating element with lifetime guarantee; adjustable thermostat control; pilot light; 8-ft. electric cord. Heavy steel sides, reinforced. Large enough for biggest litter—32" sides, 45" front, 12" high. Also ideal chick brooder. Absolutely Guaranteed. ORDER DIRECT—supply is limited.

Only $9.95 EXPRESS PREPAID

H. D. CAMPBELL CO.
409 6th St., Rochelle, Ill.

YOUR MONEY BACK IF NOT SATISFIED

NEW FARM SEED Money Makers

Buy direct save money

Northern Grown ALFALFA and CLOVERS — New & Better SOY BEANS — New Hardy FLAX and GRASSES — Newest SEED GRAINS for the North — New Northern HYBRID SEED CORN — SEALED POTATOES

-BUY- MASTER FARMER SEEDS

NEW SEED and NURSERY Catalog FREE!

Known for dependability throughout the state—If you want to know what new seeds are profitable to grow or how to grow them, consult the *Farmer Seed Annual*. If you want the newest fruits, berries, vegetables, flowers, windbreak, or landscape planting, the *Farmer Seed Annual* has the answer. It's free and it pays to buy from the grower. Write us.

FARMER SEED & NURSERY CO.
21 Fourth Street FARIBAULT, MINN.

NEW SEED OATS

We specialize newest, best seed oats. Imported Canadian Registered Vanguard made almost unbelievable yields. Why? Highly stem rust resistant, stiff straw—not where others went flat. (2) Long heads. (3) Heavy stooling. (4) Abundant straw. Results: high yields and profit. Also Tama & Cleland, New Ia. & Wise. top yielders. New Canadian Regent rust resistant spring wheat, surprising yields. New Compana Barley. Get circular showing proof and reports of more bu. from less. Free samples. Write

NEW SOY BEANS Early — Biloxi, Habaro and Lincoln. Medium early—New Lincoln. Also New Hybrid South American Mammoth Pop Corn. Supplies ltd.

WILLIAM GALLOWAY & SONS COMPANY
Dept. WF.
WATERLOO, IOWA

WHAT IS Methiosol?

See the next issue of Wallaces' Farmer

When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

CARL HEBNER'S

SPOTTED POLAND CHINA BRED SOW SALE

45 WELL GROWN SOWS

Stevens & Kelly Sale Pavilion

RIPPEY, IOWA
FEBRUARY 8, 1946

An extra choice offering selected from a good herd, well grown and sired by Ranger, one of the greatest boars of the breed. Modern Pioneer, a real sire, Neon, who sired my top boar last fall. Spotlite and Farmer's Pride. They will be mated to Goodie, one of the outstanding boars sold last fall. Compact Plus, a great son of Quality Plus and Hebner's Choice, a thick, low-down, rugged sire. These gilts are littermates to the boars I sold last fall, which averaged $153.73 per head. Also will sell my top fall boar pigs, sired by Ranger and Modern Pioneer. Plan now to attend. Write for FREE catalog and mention this paper.

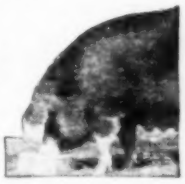
CARL HEBNER, JEFFERSON, IOWA

Auctioneer, Charlie Taylor

Poland China Bred Sow and Gilt Sale

At farm north edge of Iowa

Spencer, Iowa
Saturday, February 16, 1946



Selling entire herd, consisting of 4 real honest to goodness herd sows. Six top fall gilts that will suit anyone. They are the best to sell this year. Forty head of strictly choice spring gilts. They are the easy feeding kind, sired by Moderne, he a Production bred boar. Progenitor, he a War Horse pig. They are bred to Broadcloth, a fall boar that is sound in every way. He also sells.

Selling all hog equipment consisting of hog crates, breeding crates, self-feeders, etc. Be on hand on February 16. This will be bargain day. Write for FREE catalog.

TOM VINT, SPENCER, IOWA

Auct. Col. Joe Reisch — M. T. White, Fieldman

GROEPPER'S

SPOTTED POLANDS

50 Head of 400 and 450 Lb. Gilts

REMSEN, IOWA, FEBRUARY 12

We think this is one of the best offerings of bred sows we have ever listed for a public sale, and we have sold some good ones. These will be sired by Foundation's Special, Royal Type and Click, and will be bred to two outstanding boars. One of these is Topper, one of the top fall boars out of the Spaulding herd, and the balance will be bred to Dagwood, the top boar in the Minnesota breeders sale. We have not seen a better boar than him in any sale the past fall. When we saw this boar we knew then we were going to buy him. Sale at the farm. Write for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

ADOLPH GROEPPER — REMSEN, IOWA

Charley Taylor, Auctioneer

HOLSTEIN DISPERSAL

Location 10 miles north and 6 miles east of Spencer and 3 miles west and 1 mile south of

TERRILL, IOWA, TUESDAY, FEB. 12th

47 HEAD OF HOLSTEIN CATTLE
30 Registered—17 High Grades

A desirable herd, 18 milk cows; 2 heavy springs; 6 bred heifers; 10 open heifers; 3 better calves, 5 bull calves and the herd bull. Mature cows with records up to nearly 400 lbs. butterfat in D.H.I.A. testing, which will be posted sale day . . . record books for last 8 years will be available, for those who might desire to inspect them before sale day. This is a good herd. Also complete line of FARM MACHINERY and other livestock selling. COME.

A. J. FLISS & SON, TERRILL, IOWA

NOW AVAILABLE

The Amazing Automatic HOG OILER and SCRATCHER

One machine keeps 100 hogs contented . . . and there's no work for you!

Fight mange, skin disease and lice this easy, proved way—with the Automatic Hog Oiler and Scratcher. The animals do the work, you get bigger profits and save time.

- ✶ Promotes faster gains . . . bigger profits!
- ✶ Eliminates destructive rubbing . . . saves feed bunks, fence posts, buildings.
- ✶ Oils hogs *automatically* . . . saves labor!
- ✶ Machine is on the job 24 hours a day, 7 days a week, all year around!
- ✶ Hogs use the oiler as the need arises . . . whenever it arises!

Happy Hogs Means More Pork Production

Get Details WRITE TODAY

Five gallons Automatic Medicated Dip Oil furnished FREE with each machine.

Mail coupon or write today for price and the name of dealer nearest you.

Dept. 33Y — **Automatic Equipment Mfg. Co.** — PENDER, NEBR.

CLIP AND MAIL THIS COUPON FOR FREE FOLDER

AUTOMATIC EQUIPMENT MFG. CO., PENDER, NEBR. 33Y

GENTLEMEN:
Please send me your descriptive folder, price, and the name of the dealer nearest me for the amazing Automatic Hog Oiler and Scratcher.

NAME.....

ADDRESS OR R. F. D.....

POST OFFICE.....STATE.....

QUALITY

POLAND CHINAS

To be sold at auction at farm, located 2 miles east of

Mason City, Iowa, Saturday, February 16

6 Tried Sows—4 Fall Gilts—25 Spring Gilts

Tried sows "Sparkel" by **GRAPPLING GERTIE** the dam of the $1300.00 Spring boar **BETTER WORLD** bred back again to **ONE WORLD** for a fifth of March litter. **MISS RELIANCE** a top producer and a sow that is an aged candidate for the top shows. **SUPERIOR LADY** who was the top selling gilt in the Arckdale Nelson sale 1945, a real high-classed sow. **THE OVERTURE**, a consistent producer of good growthy pigs and **PERFECTION SHOW LADY** a good producer and fine individual. There will be four nicely made, well balanced fall gilts bred to **ONE WORLD** and **MID-WESTERN**. Then there will be 25 large spring gilts. They are bred to **BLACK RASCAL, RESERVED CHAMPION** and **JR. CHAMPION** of the strong Illinois show 1945. Others to **MID-WESTERN**, one of the heaviest hammed, low down and long bodied boars ever to do service in our herd and a goodly number are bred to **ONE WORLD**, one of the most talked of sires of the Poland China breed. Plan now to come. Lunch served at noon. Write for catalog and mention this publication.

EMMERT BROS., MASON CITY, IOWA

Auctioneers, H. S. Duncan and J. J. Johnston

Chester White Sale

Sale at farm, located 11 miles northeast of Iowa Falls; 8 miles south of Hampton on No. 65 and 1 mile east

GENEVA, IOWA, MONDAY, FEB. 18th

A splendid offering of gilts, well-grown, pleasing in type and sired by **MODERN LAD**, by Silver Model, and **PERFECT LAD** by Performance Lad, a sire of good swine. Others by **BIDNE'S ACE, ACE HIGH, BUSTER SENSATION** and **PORTAGE MODEL**. They are bred to **SILVERLINE** by Silver Model, Iowa grand champion; **IOWA ADVANCER** by Hit Parade, **ATTRACTION MODEL** and **THE MODELES**. Good breeding and quality. Immune. Guaranteed to be safe in pig. Recorded **FREE. COME.** Ask for **FREE** catalog. Please mention this publication.

FRED MUTSCHLER (Auct. J. E. Halsey) **GENEVA, IOWA**

HELMKE'S GREAT DUROC JERSEYS

Sale at farm, 2 miles northeast of town

RENWICK, IOWA, SATURDAY, FEBRUARY 16, 1946

60 HEAD

We can say again that we will sell one of the greatest offerings of Duroc Jersey brood sows that will be sold in northern Iowa this winter. We have built up a reputation on the quality of our Durocs, and that is the kind you are going to find listed in our sale. These are bred to three great boars in our herd: Seco Low Down 2d, by Seco Low Down; a young boar, Proud Reformer, he by a son of Proud Cherry King, and another young boar, Tanbark Sam, by the Illinois champion Tanbark. These are the best boars I have ever used. They have been mated to daughters of Fancy Cherry King, that really breed them thick. Seco Lowdown Boy 2d, Ace of Finland, Show Boy, B C Orion and other good blood lines. These gilts will weigh 350 to 400 lbs. by sale time. My catalog makes interesting reading if you are looking for the good easy feeding, quality Duroc sows. Write for it at once and mention Wallaces' Farmer and Iowa Homestead. Address

W. H. HELMKE & SONS, RENWICK, IOWA

H. J. McMurray, Auctioneer.

SUNSET KNOLL FARM

PURE-BRED DUROCS

Sale at farm, located west of Iowa State College

AMES, IOWA, TUESDAY, FEB. 12th

60 TOP GILTS—A HIGH-CLASS OFFERING

Choice Durocs richly-bred of modern type, deep bodies, long sides with thick hams. **"THE FARMER'S KIND"** has always been our motto. All bred to nationally known boars, namely: **SHOW BOY, SECO LO ROCKET,** and **TOMORROW.** Best in quality and breeding. Plan now to come. Ask for **FREE** catalog. Please mention this publication. Address

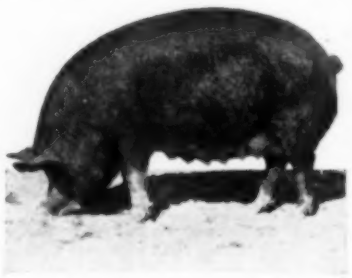
SUNSET KNOLL FARM, Route 3, AMES, IOWA

J. C. Holbert, Box 492, Washington, Iowa — Glenn Dudley & Son, R. 3, Ames, Iowa

JORDAN'S BERKSHIRE SALE

Red Oak Auction Co.

RED OAK, IOWA,
FRIDAY,
FEBRUARY 22, 1946



50 Head

25 Fall Sows
25 Spring Gilts

My sows will be penned in the horse stalls and not where other hogs have been yarded. Everything will be thoroughly disinfected.

I am selling 25 very choice spring gilts in this sale and these are sired by **L. DUCHESS FASHION LAD 4th 453518**, and he is a son of **THE BOMBER** and out of **BROADVIEW L DUCHESS 379842.** Also 25 strictly choice fall yearling sows, sired by Grandview Leader 3d 499888, a son of the great Grandview Prince, and his dam was a sister to Bar None. Our spring gilts are bred to **DENSON COLONEL 20th 536147**, a half brother to the boar that was grand champion at Spencer in 1944. A few gilts bred to **ADMIRAL'S LIBERATOR** 549582, top boar in Bellows Bros. fall sale, a son of War Admiral out of Liberator Lady 2d. The fall gilts will be bred to each of these three great boars. This is my first purebred sale, after twenty-six years as a Berkshire breeder. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

GUY F. JORDAN, EMERSON, IOWA
M. T. White, Fieldman.

ELDORADO FARM DISPERSION

The late **1942 Grand Champion, MAPLE GROVE MARVEL 431120.**

Sale in heated pavilion at farm, 17 miles west of Cedar Rapids on U. S. No. 30, and three-fourths mile north.

FRIDAY, FEBRUARY 15
at 1 p. m.

We are very sorry conditions force us to disperse our fine herd of Berkshires. 40 sell bred for March and April farrow to two outstanding boars, **WEHRMANA ATOMIC BOMB**, a son of the famed twice Nebraska grand champion Bomber and **HIAWATHA BAR NONE COLONEL 5th** by the massive 1,000-lb. Hiawatha Bar None. The boars also sell and the good pigs from our fall crop. Females are mostly sired by our grand old senior herd sire, **MAPLE GROVE MARVEL** (illustrated here), and is the last chance to buy his daughters. The offering is the thick, meaty type with bulging hams, good length, body-depth and nice short turned up snouts. Mated to our popular pair of big thick solid young boars, should produce the best results. If you are thinking of buying a purebred Berkshire you will want to examine this quality offering. No finer group of females will be found in any auction this winter. Plan to attend. Write, wire or phone bids if unable to do so. Our hogs always sell worth the money. Ask for **FREE** catalog at once.

LEO BODDICKER, NEWHALL, IOWA
Auctioneer, C. B. Drake

Banner Chester White Sale!

In heated pavilion on farm, located 15 miles west of Cedar Rapids, Iowa, 2 miles north

Newhall, Iowa, Sat., Feb. 16th

60 TOP QUALITY BRED GILTS

A grand lot of spring gilts selected from a long-established herd where top quality **Chesters** are produced and one of the top sales of 1945 was made. I kept only the best . . . the finest quality lot ever sold from this herd. **BROOD SOW production** . . . bred, developed and fed is our business. Last spring **154** sows farrowed over an average of 10 pigs per litter. Best in type, merit and quality. All rich in pedigree and represents the leading blood lines. They are mated to a wonderful battery of herd boars. Three top new young herd boars . . . the cream of the crop of **1945, THE BANNER LADDIE, BANNER WHITE ROCK** and **IOWA SENSATION;** a few bred to **THE BANNER**, the outstanding breeding son of **THE BALANCER.** Plenty of new blood for old customers and a class of sows that will help work breed improvement. Plan to come or send an order now. Ask for **FREE** catalog, mentioning this publication.

A. H. STUART, NEWHALL, IOWA
Auctioneer, J. E. Halsey

Chester White Sale

(Located 8 miles north, 4 miles east of Oskaloosa; 3 miles south and 4 miles east of New Sharon; 2 miles from Union Mills. All weather road.)

NEW SHARON, IOWA, WED., FEB. 13th

50 SPRING GILTS—5 FALL BOARS

A fine offering, the best I have ever offered. Our gilts well-grown, smooth, well-balanced, uniform with heavy bone and pleasing type. We keep only the best. Sired by **BICTORY BANNER, PROVIDER, CHESTERFIELD** and other top boars. Bred to **SILVERLINE KING**, the 2d top in the C. T. Keen sale and one of the best produced in 1945. Others bred to **CHESTERFIELD, VICTORY BANNER** and **SILVER SENSATION.** All outstanding sires and on display sale day. The top of our fall boars and a few fall gilts, by **CHESTERFIELD** and **VICTORY BANNER**, sell. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

NICK TERPSTRA Auctioneer, J. E. Halsey **NEW SHARON, IOWA**

DISPERSION SALE
Spotted Polands

One of the Sensational Offerings of the Year

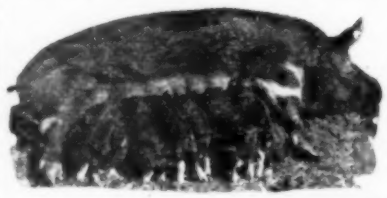
HARLAN, IOWA, FEB. 12, 1946

SALE AT FAIRGROUNDS IN THE AFTERNOON

Owing to ill health I feel that I must make a change and have decided to dispose of my entire herd of Spotted Polands. You all know that I have had one of the greatest herds here in the west. Everything goes, including my noted herd boars, and all my noted brood sows, together with my entire crop of spring and fall gilts. So if you are looking for the best there is to be had in our breed it will certainly pay you to attend my sale. My herd boars are **SPOTLIGHT 2d**, top spring boar in Cecil Wilson's sale, the other is **MIDWAY**, the top boar in the Julius Roth sale, by Northern Patrol, outcross breeding for most herds. I consider these two boars the greatest I have ever owned. They are both of the thick, low down, easy feeding type and should mate well on this great bunch of gilts and sows. The gilts are sired mostly by Gold Bond, sire of the best lot of gilts and boars sold at auction last fall. Others are by Spot Light, War Ration, Model Design, King of Feeders, Four Square, Bomber Boy, Peter Pan. There will also be a litter mate gilt to the $1,800 son of Spotlight and a litter mate gilt to Spotlight Equal, both mated to Midway. I consider these gilts and sows as good as anything I have ever sold before. These gilts will weigh 400 to 500 lbs. by sale day, and will be in good brood sow condition, not over fat. By all means plan to attend my sale if you intend buying sows of herd heading character. Write for my free catalog at once, and mention Wallaces' Farmer and Iowa Homestead. Address

HARVEY C. LARSEN, Owner, ELKHORN, IOWA
Charles Taylor, Auctioneer. M. T. White, Fieldman.

BERKSHIRE BRED SOW SALE!



Bred for
TYPE, QUALITY and PRODUCTION

NEVADA, IOWA,
WED., FEB. 13, 1946

To be held in Story County 4-H Barn

50 PUREBRED SOWS AND GILTS

The best selected from two good herds. All rich in the blood of the 1943, 1944 and 1945 CENTRAL IOWA GRAND CHAMPIONS. These two herds at Iowa State Barrow Show produced the **CHAMPION** Berkshire barrow, **1st** and **2d** light weight Barrow and **1st** and **2d** light weight pen. They will be mated to the boars that have sired these winners and the 1st prize senior boar at CENTRAL IOWA FAIR and **FORD-DEL HAWKEYE 2d.** Breeding and quality that will please. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address either

HARTMAN COFFIN
ZEARING, IOWA

Auctioneer, C. G. Mason

W. H. ZEISNEISS & SON
COLO, IOWA

—KEEN'S—

CHESTER WHITE SALE

At farm on Highway No. 30 in comfortable heated building, located east of Marshalltown and just west of

LEGRAND, IOWA, FRI., FEB. 15th

60 EXTRA CHOICE SPRING GILTS

One of the best offerings we have ever sold, from a herd where many champions have been produced. They are sired by **Silver Lad**, 1944 Iowa Grand Champion, who sired 1945 Grand Champion and Junior Champion boars; **Silver Line Master** and **Silver Line Prince.** Five wonderful littermates to Silver Lad Jr. bred for early farrow. Five daughters of **Miss Victory**, the grand champion sow. The offering will be bred to **Silver Lad, Jr.**, 1945 Iowa Junior Champion; **Big Chief**, top boar at Deerfield dispersion; both are by Silver Lad. All **Silver Lad** gilts mated to **Victory Lad**, a line-bred Southern King boar. Plan to attend. Ask for **FREE** catalog now. Please mention this publication.

C. T. KEEN & SONS Auctioneer C. G. Mason **LEGRAND, IOWA**

Connor's Chester Whites

Sale will be held at the farm, 3½ miles east of Glidden, Iowa, on U. S. Highway 30

GLIDDEN, IOWA, FEBRUARY 20, 1946

I will sell 40 head of the best lot of gilts that I have ever driven through a sale ring, most of them sired by **FASHION PLATE**, the most popular boar of the breed, and **SILVER TOP**, a grandson of Lisle's Tip Top. The gilts are all out of dams by **Performance Lad, Modern Trend** and **Dream Lad.** These gilts are bred to **FASHION PLATE, FASHION PLATE JR.** and **NEBRASKA CHAMP.** All of these boars are of the very best. Gilts are of medium type and have plenty of size and quality, and are bred for March and April farrow. All guaranteed to be safe in pig and cholera immune. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

WARREN CONNOR, GLIDDEN, IOWA
Clare Mason, Auctioneer

KEMPERS' SPOTTED POLAND SALE

At farm, 4 miles south of

HULL, IOWA, FEBRUARY 20th

50 spring gilts sired by **KEMPER'S WIDE BACK**, a son of Wide Thick-Set, **INVADER DREAM BOY**, a son of Invader, and **SILVERBOY**, a son of Duration. Bred to **BIG BOMBER, THUNDERBOLT TOP**, a son of Thunderbolt, and **FARMER'S DELIGHT**, a son of Silver King 2d. Excellent quality and breeding. Come. Ask for **FREE** catalog. Please mention this publication.

GERRITT J. KEMPERS & SON, HULL, IOWA

—PUT YOUR EXTRA DOLLARS INTO U. S. SAVINGS BONDS—

EIGHTH

Poland China Auction

In heated pavilion at farm

BRITT, IOWA, FEB. 9th

45 head—the cream of the crop, sired by PAYMASTER, NEW VERSION and SUPER BOMBER. Best blood lines. Two Paymaster litter sisters to NEW GRAND, the Kirsch herd sire. Two litter sisters to ZENITH, in the Walter Busse herd, and 4 choice gilts by SUPER BOMBER. They are bred to RITE DIMENSIONS, a top son of All Dimensions, the 1945 Iowa grand champion. Quality that will please. Send for FREE catalog. Please mention this publication.

O. W. Friedow, Britt, Iowa

Auctioneers, H. S. Duncan and J. Johnston.

BERT BROEK & SONS

DUROC JERSEY Bred Sow Sale

Hull, Iowa, February 13

Selling 60 head, all bred for March and April. The best lot of Duroc Jersey sows that will sell in northern Iowa this winter, and bred to three of the greatest boars of the breed. Good colors, well bred, will weigh from 350 to 450 lbs. By all means send for our catalog. Address

BERT BROEK & SONS HULL, IOWA

IMPORTED

CANADIAN YORKSHIRES

Tops from 10 leading Ontario herds

Sac City, Ia., Mon., Feb. 25th

50 bred sows—gilts—boars. Championship and advance registry breeding galore; years of selection for carcass grade market, and economic gain, make Canadian Yorkshires leading contender for postwar markets. Prolific, good mothers, careful mothers, ideal for cross-breeding, no less than 12 teats on any sow in sale. Bangs tested. Pedigreed in U. S. registry and transferred Free to buyer. For illustrated catalog write.

MERRITT B. COOK, Sale Mgr., NEMAHA, IA.

8th ANNUAL BRED

BERKSHIRE SOW SALE

Saturday, February 23rd

West Point Sales Pavilion

West Point, Nebraska

The SUPREME offering of them all. 40 Head of Gilts and Sows 40 25 head bred to the GREAT EPOCH'S CHAMP, the sire of champions. Write now for illustrated sales catalog.

J. P. and Jack Lannan

WHITE SPOT FARM

West Point, Nebraska

Remember

Hampshire Gilt Sale

At Sioux Empire Fair Grounds

Sioux Falls, S. D., Feb. 19th

50 Big fine registered Hampshire gilts sired by some of the breed's best sires and bred to truly great boars. The type for breed improvement. Plan now to attend. Ask for FREE catalog. Please mention this publication. Address either

ADOLPH MIELKE, Hartford, S. D. DON YUSTEN, Alexandria, S. D.

SPOTTED POLAND SALE

At Sioux Empire Fair Grounds

SIOUX FALLS, SO. DAKOTA

FEBRUARY 14th

Choice bred gilts. Good breeding. Ask for FREE catalog.

CORTLAND D. JOHNSON, Renner, South Dakota

AUCTIONEER

Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645; Business 3-6181.

R. E. Halsey, Box 1317, Des Moines, Ia.

POLAND GILT SALE

FEB. 15th High-class, good type, well grown. Bred to outstanding boars. Write for Free catalog.

JOHN BORG & SONS DOLLIVER, IOWA

CRESTON HEREFORD BREEDERS ASSOCIATION SALE

Creston, Iowa
Tues., February 12, 1946

We are selling 35 bulls and the most of these are of serviceable age. There will be several bulls in this offering that should go to the head of good herds. Then there will be 35 females, whose individual merit and blood lines will entitle them to go into any of our best herds. There will be some cows with calves at foot, some bred cows and heifers, and some open heifers. These all come from well known herds in southwest Iowa, whose owners have contributed regularly to our sales. All cattle are in good flesh, with good coats of hair and will be tested for **Bangs** and **T.B.** The following breeders are selling cattle in this sale:

CONSIGNORS

Chas. Wimmer	Afton	Walter Blauer	Afton
Ira Reed	Orient	Floyd Woods	Orient
T. M. Hayden	Creston	C. C. Grandfield	Lorimor
Adolph Beck	Lenox	Joe Cipra	Cromwell
F. J. Miller	Creston	Dennis Ryan	Corning
Chas. Boyer	Creston	Chas. McKinney	Afton
Guy Henderson	Clearfield	Herman Wurster	Clearfield
G. H. Holbrook	Corning		

We are selling much earlier this spring to give buyers a better opportunity of buying good bulls in time for spring needs. We think we are selling some of the best bulls in this sale that we have listed in any of our auctions in recent years. We are also selling some splendid cows and heifers, that are going to appeal to those who might be on the market for some choice females. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

RAY A. WILSON, Secretary, Route 3, CRESTON, IOWA

Interstate Shorthorn Breeders

SHOW March 4th — **SALE** March 5th

In comfortable Stock Yards Sale Pavilion

Sioux City, Iowa, March 4 & 5

110 HEAD — 55 Good Bulls, 55 Choice Females

This offering has been personally inspected and approved by Bert McCone, who says they are the best lot ever offered by this Association. Most all bulls ready for immediate service and a bull for every demand. The females include cows with calves, bred cows and heifers and attractive open heifers. Some of the best sires of the breed are represented. All rich in pedigree. The consignors are:

	Bulls	Females		Bulls	Females
Clausen Bros., Spencer, Ia.	4	4	Dr. S. A. Donahue, Sioux Falls, S. D.	2	2
Bruno Bochmann, Holstein, Ia.	5	5	Walter H. Stein, Esteline, S. D.	1	1
Holz Bros., Grand Jct., Ia.	2	2	R. A. Englehorn, Wagner, S. D.	1	1
John E. Greig, Estherville, Ia.	0	2	Harold Hanson, Lyons, S. D.	0	2
M. W. Smith, Paullina, Ia.	0	3	R. J. Egger, Roco, Nebr.	3	2
G. E. Held, Hinton, Ia.	2	2	Carl Retzlaff, Walton, Nebr.	2	2
H. Russell Held, Hinton, Ia.	2	1	Benton McCone, Botna, Ia.	5	3
Lloyd E. Crouch, Hinton, Ia.	2	1	A. J. McCone, Defiance, Ia.	3	3
B. F. Held & Sons, Hinton, Ia.	2	1	Metz Bros., Holstein, Ia.	2	2
Robert H. Hall, Cherokee, Ia.	1	2	Cornelius Conover, Holstein, Iowa	0	3
P. H. Warrick, Dickens, Ia.	1	3	Martin Luinstra, Rock Rapids, Iowa	1	1
Albert J. Hamann, Inwood, Ia.	2	3	Cliff Dubes, Aurelia, Ia.	2	0
N. J. Haupert, Granville, Ia.	2	0	Robert Gable, Hartley, Ia.	1	0
C. F. McKeegan, Doon, Ia.	0	2	Chester Mitchell, Pipestone, Minn.	1	0
Leo Haverkamp, Remsen, Ia.	0	2			
Wm. J. Staab, Remsen, Ia.	0	1			
Sumption Bros., Frederick, S. D.	5	1			

A grand lot of cattle, well grown, nicely conditioned. The large number affords a wide selection. You will find bulls suitable for the breeder, farmer or ranchman. Females that will make foundation cattle. Plan now to attend. Ask for FREE catalog. Please mention this publication.

F. E. JACKSON, Secy-Mgr., HURLEY, SOUTH DAKOTA

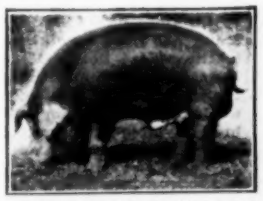
Auctioneers, J. E. Halsey and Harry Dewar. M. T. White, Fieldman.

High Class Duroc Bred Sows

Sale at farm located on No. 14 7 miles south of

MONROE, IOWA, FRIDAY, FEB. 22

50 ROYALLY-BRED GILTS



MARKET TYPE, top selling son of Market Topper, 1944 Illinois Grand Champion, sire of Nation's heaviest TON litter. 4,044 lbs. He now weighs 480 lbs. after mating to 85 sows up to December 31st.

One of the great offerings to sell this year; 48 grand spring gilts, one 1945 fifth prize gilt at Iowa, and a wonderful yearling sow. They are sired by **CROWN PRINCE**, Illinois Grand Champion; **ACE TYPE**, Ohio Reserve Grand Champion; **PROUD ADVANCE, FOUR KINGS, KING ORION** and other good sires. Top gilts from Martin Katter's Ohio herd by **ACE'S TYPE**, Ohio Reserve Grand Champion; a choice daughter of **CROWN PRINCE**, Illinois Grand Champion, and excellent gilts from Fred Farris herd by **TOPS ALL**. Also a first prize gilt at Iowa District Fair, top in Felton Bros. sale. Bred to **MARKET TYPE** (illustrated here), and **ROYAL CHERRY IMAGE**, 1945 third prize winner at Iowa. Breeding and quality that will please. All negative to **BANGS** test. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

WARRICK BROTHERS (Auct. H. J. McMurray) **MONROE, IOWA**

—PUT YOUR EXTRA DOLLARS INTO U. S. SAVINGS BONDS—

Announcing 31st Annual

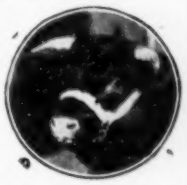
OMAHA SALES!

Horse and Mule Barns, Stock Yards

South Omaha, Nebraska

150 HEAD

Here is the best opportunity to buy



SHORTHORNS and POLLED SHORTHORNS

1. **Outstanding Herd Bulls**
2. **Richly-Bred Top Females**
3. **Bulls for Cross-Breeding**
4. **Bulls for Grade Herds**

45 leading breeders from Iowa, Nebraska, Kansas and Colorado are bringing their best production for you to buy at your own price.

Shorthorns have proven best for fast grading-up and siring heavier calf crop at weaning time. Shorthorn feeders are in top demand.

SHORTHORNS

Show 9:00 A. M.—Sale 12:30 P. M.

Wednesday, Feb. 20th

40 BULLS — 30 FEMALES

From the following leading herds:

The Allen Cattle Co., Colorado Springs, Colo.; F. T. Brown, Stamford, Nebr.; Arthur H. Windom, Villisca, Iowa; Louis Bucholz, Fall City, Nebr.; J. L. Harshbarger, Humboldt, Nebr.; C. R. Asper, Ramar, Colo.; A. P. Ferrell, Randolph, Iowa; James J. Marley, Blencoe, Iowa; Will A. Davis & Son, Oakland, Iowa; Neill Thomas, Oakland, Iowa; James Skinner, Herman, Nebr.; Robt. Skinner, Herman, Nebr.; P. A. Rasmussen & Son, Goldfield, Iowa; Daniel E. Bower, Bridgewater, Iowa; Chris. Coffey & Son, Axtell, Kansas; L. E. Crews, Haigler, Nebr.; Ernest H. Retzlaff & Sons, Walton, Nebr.; W. E. Eckels & Son, Lenox, Iowa; Fred Gugisberg, Renwick, Iowa.

POLLED SHORTHORNS

Show 9:00 A. M.—Sale 12:30 P. M.

Thursday, Feb. 21st

50 BULLS — 30 FEMALES

Consigned by these well-known breeders:

R. E. Phillips, Red Oak, Iowa; Geo. H. White, Malvern, Iowa; E. P. Laughlin, Imogene, Iowa; Matt Laughlin, Emerson, Iowa; F. T. Brown, Stamford, Nebr.; Edw. L. Burger, Wilber, Nebr.; Clemens Hade & Son, Harcourt, Iowa; H. C. and John Stork, Tekamah, Nebr.; E. R. Hageman, Ithaca, Nebr.; F. S. Purviance, Adel, Iowa; Kenneth Pierce, Anita, Iowa; Lou Kennedy & Sons, Lewis, Iowa; Ralph Van Pelt, Corning, Iowa; Wayne Yoakam & Son, Hedrick, Iowa; James J. Marley, Blencoe, Iowa; Paul Mann, Manley, Nebr.; N. B. Wardell, Kennard, Nebr.; Jay Stewart, Kennard, Nebr.; J. A. Schroeder, Arcadia, Iowa; Fred Blomstrom & Sons, Waverly, Nebr.; A. H. Goehner, Seward, Nebr.; B. B. Heuermann, Phillips, Nebr.; Rocker Bros., Seward, Nebr.; Albert Hultine & Sons, Saronville, Nebr.; Clyde Wasson, Dexter, Nebr.

Don't miss the opportunity to buy in these two well established sales, where everything sells to the highest bidder. Write for **FREE** catalog. Please mention this publication. Address

Mervin F. Aegerter, Sale Mgr.

SEWARD, NEBRASKA

Auct., J. E. Halsey; M. T. White, Fieldman

The Best Way to— HANDLE HAY LOOSE OR BALED

LANTZ

Original FLEXIBLE-GRAPPLE HAY FORK

For 25 years America's greatest hay fork. Imitated but never equalled. Now improved—better than ever.

Gives You All These Advantages

1-Exclusive positive-action head. 2-No tripping trouble—never sticks, never lets go until tripped. 3-Safer for man and rack. 4-Greatest hay-holding compression. 5-Cleans off rack. 6-Handles loose or baled hay. 7-A boy can operate it. 8-Better design, finer steel. Now is the time to order from your dealer. The demand is tremendous.

We also manufacture the famous LANTZ KUTTER-KOLTER, helps fight corn borer, aids a moldboard plow to cut through and turn under trash. Saves time. *Write today for literature and name of nearest dealer.*

LANTZ MFG. CO.
Dept. FB-160 Valparaiso, Ind.

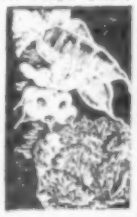
GROW JUNG'S FINE "WAYAHEAD"

Earliest Tomato

Big Red Fruit ripening as early as July 4. Regular price 15c packet, but to introduce Jung's Quality Seeds we will send you a trial packet of this tomato, Giant Carrot, Cream Lettuce and Earliest Radish, also a packet each of our

Giant Zinnias and Double Larkspur

to beautify your garden. All 6 packets for 10c. In Canada 20c. A Premium Coupon sent with each collection, showing beautiful live catalog of bargains in Seeds, Plants, Hybrid Corn, Velvet Cats.



J. W. JUNG SEED CO.
Dept. 24, Randolph, Wisconsin

NOW AVAILABLE
HANDY WIRE REEL

ONLY $5.95, including shipping charges. Mounts easily on truck. Rods turn to permit wire spool to slip off. Spaced openings allow for wire shrinkage when replacing spools. Order yours — today.

ADDRESS DEPT. 1

DR. RINEHART'S HANDY HOG HOLDER CO.
P. O. Drawer No. 191, Galesburg, Illinois

KLOCKE'S

SPOTTED POLAND SALE

In heated sale pavilion

MANNING, IA., FEB. 11th

Night Sale

45 big, thick spring gilts by SPOTLIGHT, 1944 Missouri grand champion, WIDE KING and MANNING'S PRIDE. One of the outstanding offerings of the year rich in breeding, displaying type and quality with lots of color. Gilts will weigh from 350 to 475 lbs. by sale day. They are bred to THE ANSWER, top boar at $875 in Cecil Wilson sale, a thick, short-legged, heavy-hammed son of Bombardier. Others bred to FEEDERS PAL, an unusually outstanding son of Feeders Quality, bred by Kitty Clover Farms. Breeding unsurpassed. A few real top fall boars and gilts by SPOTLIGHT. COME! Ask for FREE catalog. Please mention this publication.

Albert Klocke, Manning, Iowa

Auctioneer, Chas. Taylor

Bred Sow Sale

February 18th, 1:00 p. m.

45 CHOICE BERKSHIRES

Carlson's Implement Shop
Triumph, Minnesota

These sows, carrying their first litters, are sired by, or bred to EPOCH TOP, SUCCESSOR 9th or SHOAKATAN FLASHY PRINCE 2nd. Write for catalog.

W. I. Boyce & Sons, Triumph, Minn.

SPOTTED POLAND SALE

Sale Pavilion

ELDORA, IOWA, FEBRUARY 7th

40 SPRING GILTS

A choice offering, fine short-legged, broad-backed, early-feeding type by 4-STAR, a son of Silver Chips. KING OF SPOTS by Duration and BROAD BACK by Vicky Back. They are bred to SPOTLIGHT 2d, NEBRASKA KING by Star Beam and 4-STAR. To 7 fall gilts, 5 fall boars by PRINCE NERO and 4-STAR. Good breeding. Ask for FREE catalog.

FRED FULLER IOWA FALLS, IOWA

WE DON'T WASTE FEED WE MAKE EVERY GRAIN COUNT BECAUSE . . .

WE GET Occo MINERAL COMPOUND

If your livestock and poultry are ravenous eaters but unproductive and slow to gain, the chances are they suffer from mineral starvation. They have probably been on a heavy winter diet for many weeks with no access to lush pastures and succulent summer rations. The result is a deficiency in minerals causing your livestock to waste much of the home-grown feeds they eat.

It is easy and economical to combat this mineral starvation with Occo Mineral Compound. Just add Occo to rations and note how it improves the condition, speeds up the gains and increases the productivity of your livestock. Occo helps to stimulate digestion and assimilation; it brings about a high conversion of the home-grown feeds your stock eats. Yet it is economical to use because such a small amount is needed.

Your nearby Occo Service Man will gladly give you the facts about this mineral balancer of home-grown feeds. Get in touch with him today. Or write us.

OELWEIN CHEMICAL COMPANY
OELWEIN, IOWA

Northwestern Iowa Polled Hereford Breeders Association Sale

45 BULLS AND 15 FEMALES

LE MARS, IOWA
THURSDAY, FEBRUARY 21, 1946

CONSIGNORS

Berkland Bros.	Inwood, Iowa
P. M. Christensen & Sons	Lone Rock, Iowa
J. E. DeJong	Orange City, Iowa
D. D. Heide	Bingham Lake, Minn.
Harold O. Hansen	Dickens, Iowa
E. P. Kallsen	LeMars, Iowa
Wesley Larsen	Beresford, S. D.
Peterson Bros.	Aurelia, Iowa
Peterson & Hallbone	Cherokee, Iowa
Joe Montange	Kingsley, Iowa
Westensee Co.	Galva, Iowa
Chas. Zanger	Larchwood, Iowa
W. O. Zanger	North Loup, Neb.
Geo. W. Zitka	Tabor, S. D.

We are selling a grand lot of cattle in this sale. They are well bred and well conditioned cattle and we know you will like them if you attend our sale. We are selling 45 bulls in this sale and we have never before sold a better offering of bulls. These bulls are mostly of serviceable age, and many are good enough to go to the head of good herds. Our association is the oldest Polled Hereford Association doing business in the state of Iowa. Many prominent herds were originally started from cattle purchased in our association sales. We are selling 15 cows and heifers and these are a picked lot. Among these are cows with calves at side, bred cows and bred and open heifers. These cattle are consigned by the best breeders in the northwest and are a grand lot from one end to the other. They are T.B. and Bangs tested, and will be in the barn for prospective buyers the day before the sale. So come early and look them over. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

EDWARD KRISE
Sale Manager
ROCK RAPIDS, IOWA

M. T. White, Fieldman
Col. Charley Corkle, Auctioneer

MILKING SHORTHORN SALE

28th Mason City Sale

MASON CITY, IOWA

Sat., February 23rd

Consignors

C. J. Dietz (dispersal)	Porter, Minnesota
Roy Earnst	Humboldt, Iowa
Ruth Gingles	Cantana, Iowa
J. P. Krebs	Rolfe, Iowa
Eldon A. Olson	Vermillion, S. Dak.
Frank A. Skluzacek	New Prague, Minn.
Joe Spalla	Ridgeway, Iowa
Square Deal Farm (dispersal)	Cedar Rapids, Iowa
Gerhard Tammen	Gilmore City, Iowa
Geo. Voss, Jr.	Rockwell City, Iowa
Harper White	Maxwell, Iowa
A. C. Wiese	Manson, Iowa
Edgar Wolf	Sheldon, Iowa

For catalog, ready 10 days before sale, write,

ROY A. COOK
Independence, Iowa

Profit Out of Soft Corn

A way to get the most profit out of your soft corn, roughage and pasture. Buy

WISCONSIN DAIRY HEIFERS

Guernsey or Holsteins that are old enough to breed from now until spring. Next fall you will have springers to sell or sell at a good profit. GUERNSEYS $65.00 per head, HOLSTEINS $75.00 a head . . . in truck loads. BANGS and T.B. tested. The kind that make the cows. All heifers selected by myself from good herds. Have had more than 25 years experience in buying the right kind for people from all over the United States. Reference furnished.

C. H. MEREDITH
"Dairy Cattle Specialist"
CHIPPEWA FALLS WISCONSIN

DANIELSON BROS.

HAMPSHIRE SALE

4-H Barn, Nevada, Iowa
Monday, February 18

Fifty well-grown gilts of the right kind, sired by "Glendale Century," and "Sensation foot." Others by "Realist," "V Boy," "The Mixer," "Paramount," "Rollers Pride Boy" and "The Pilot." Offering is bred to "Bouncing Bounce," son of "Bouncing Ore," the grand out cross boar of Harry Knoll. "Bouncing Bounce" is a litter mate to Lettow Brothers great "Post War." Others bred to "Glendale Century," the top boar to sell in Joe Volk's sale a year ago.

Danielson Bros., Nevada, Iowa
Auct., G. H. Shaw

DUROC

Bred Sow Sale

FEBRUARY 23, 1946

SPENCER, IOWA

FAIRGROUNDS

40—CHOICE GILTS —40

Many outstanding Gilts with fine quality, medium type mated to top boars. Plan to come. Write for catalog.

Ray Hagedorn, Greenville, Iowa
Auct. Tom Feenstra

GUERNSEY DISPERSAL SALE

Swartzendruber Sale Barn, Wellman, Iowa

February 6 — 12:00 Noon

42 Head — 22 Cows, 18 Heifers, 2 Bulls

Result of 25 years of consistent breeding and weeding for type and production. Cows old enough have D.H.I.A. records. Cows one mile south and 1 mile east of Wellman. Plan to attend our sale. Lunch served.

AMOS GINGERICH & SONS, Wellman, Iowa

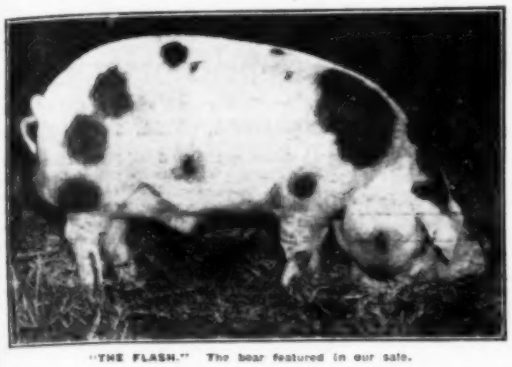
MILES AND MAX MANN'S SALE

HIGH CLASS

SPOTTED POLAND CHINAS

50 HEAD BRED SOWS 50

Woodbine, Iowa, February 19



"THE FLASH." The boar featured in our sale.

We have a splendid offering for our customers in our February 19th sale. We think probably the best lot of sows bred to the greatest herd boars we have ever owned in this sale. The most of these will be bred to our new boar, **The Flash**, and we think him the greatest boar we have ever owned. We paid a long price for him, but we think we got our money's worth when we bought him. He cost us $1,000, but the boys are all going to like him and will want sows bred to him. We are selling some sows that are bred to our old herd boar, King of Feeders, and you know he is one of the best breeding boars we have ever used in our herd. We are selling a lot of gilts that will weigh from 350 to 450 in our sale. Write for our catalog at once, and please mention Wallaces' Farmer and Iowa Homestead. Bids sent to M. T. White in our care will be taken care of on day of sale. Address

MILES AND MAX MANN, WOODBINE, IOWA

Charley Taylor, Auctioneer — M. T. White, Fieldman

Advertisement

From where I sit ... *by* Joe Marsh

Keeping 'em Down on the Farm

Rode out to the Jenkins farm the other day—and there was young Charlie Jenkins—two months out of uniform—driving a tractor as pretty as could be with his one good arm.

"I expect you find that pretty dull after piloting a bomber," I suggested.

Charlie gives me a wide, contented grin. "Dull?" he says. "All the time I was over Germany I dreamt of this—the smell of hay, and the hot sun on my back...and comin' home to women's voices in the farmhouse, and home cookin', and a friendly glass of beer. No," he says dreamily, "not dull!"

From where I sit, that's how lots of returning veterans must feel. Yearning for excitement? No, just mighty glad to be back with the old familiar things, the day's work, the rewards of home, companionship and simple pleasures. No . . . not dull.

Joe Marsh

Copyright, 1946, United States Brewers Foundation

DUROC BRED GILT SALE

To be held in I. D. McClure Building

IOWA FALLS, IOWA

Monday, February 18th

50 OUTSTANDING GILTS

All sired by our proven sires and bred to **ROYAL KING**, 1945 Iowa Reserve Champion; **THE CORN BUSKER**, 1945 Nebraska Junior Champion; **IOWA MODEL**, **CHERRY MODEL**, **WONDER BOY** and **KING PACKER**, top boars in the Simpson sale in Missouri. The best in quality and breeding. Plan now to attend. Ask for **FREE** catalog. Please mention this publication.

Our Durocs Have Hams

IOWA FALLS DUROC BREEDERS ASSOCIATION

Merle Nolte, Pres. — Auctioneer, Guy Pettit.

F. P. WESTCOTT'S GREAT

Polled Hereford Cattle Sale

One of the Greatest Offerings of the Season

DENISON, IOWA
THURS., MARCH 7

60 HEAD 60

We think this is one of the greatest offerings of Polled Herefords that we have ever sold. We are listing 24 bulls, among which are some outstanding herd bull propositions in this sale; 10 yearling bulls and 12 bull calves; 24 bred heifers and a few cows with calves at foot. Selling Model Domino 15th, a grand good 2-year-old bull; Also Westhaven Model, that we have been using. Some grand good heifers, both bred and open heifers. If you have been breeding Hereford cattle now is the time to head your herd with a Polled Hereford bull, because sooner or later you will want one. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead.

F. P. WESTCOTT, Owner — **DENISON, IOWA**

Guy Pettit, Auctioneer — M. T. White, Fieldman

High-Class Chester Whites

In Comfortable Sale Pavilion

Belle Plaine, Iowa
TUESDAY, FEBRUARY 12

55 Extra Choice Spring Gilts

One of the choice offerings of the year, from a herd that produces the good, medium type, displaying real quality and the best feet and legs. All are bred and fed right. They are sired by **Dream About** and **Banner Sensation**, two great sires. Many will be bred to **Silver Jubilee**, the first prize senior boar at Iowa—the much talked about young boar. He is of the modern type with wonderful quality. A few real top gilts by **Dream About** mated to **Banner Sensation**, the cross that produces the proper kind. Make plans now to attend. Ask for **FREE** catalog. Please mention this publication.

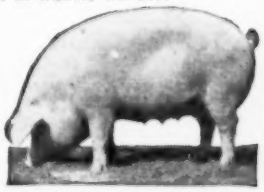
EARL TATGE, LUZERNE, IOWA

Auctioneer, J. E. Halsey

Quality Chester Whites

Sale at farm, 1:00 p. m., in heated pavilion, located 2 miles east, 3 miles south, one-half mile west of Kingsley, Iowa, and 2½ miles west of Pierson, Iowa, on Highway No. 243.

KINGSLEY, IOWA
FRIDAY, FEBRUARY 22nd



54 choice bred gilts and sows, which include some of the thickest, smoothest and best hammed gilts of the medium type, with plenty of quality, style and merit for the most particular buyer. They are bred to three great boars, **Balancer Ideal**, a top son of The Balancer, who has proven to be truly a great sire; **Silver Liner**, an excellent son of Silver Model and grandson of Silver Lad, a great boar as the blood lines suggest. In fact you will find him one of the best boars of the breed and **Warner King's Son** by Warner's King, a very smooth show type boar. A sow or gilt bred to one of these boars will be a credit to anyone's herd. Also a few top **Fall** boars by **Balancer Ideal**, and three pure-bred **Hereford** bulls sell rich in **Domino** breeding. Plan to attend this sale, whether you wish to buy or not. Write for **FREE** illustrated catalog.

R. A. RIEMENSCHNEIDER — **KINGSLEY, IOWA**

Auctioneer, J. E. Halsey

Matt Locatis & Sons Hampshires

50 HEAD BRED SOWS

FORT DODGE, IOWA, FEBRUARY 13

We are selling one of the greatest offerings of the season, and the greatest offering we have ever sold. These are all spring gilts, sird by V-Day, the greatest boar we have ever owned, and he is one of the greatest living Hampshire boars. Gilts will weigh 350 to 450 lbs. and are not fat. Also choice gilts by Iowa Commander, one litter by Shine On. These are bred to V-Day, Broadform, Dodger. Nothing like them selling in any sale this winter. You will all want to see our catalog. When writing for it please mention Wallaces' Farmer and Iowa Homestead. Address

MATT LOCATIS & SONS, FORT DODGE, IOWA

John Hall, Auctioneer

WILLEY'S CHOICE DUROCS

Sale at farm, 2 miles northeast of

VINCENT, IOWA, FRIDAY, FEBRUARY 15, 1946

50 TOP QUALITY GILTS

This splendid lot of bred gilts are sired by **PERFECT KING**, 1944 Iowa Reserve Champion, **BUDDY FLASH**, 1945 Iowa 1st prize senior yearling, **LOW DOWN LEADER**, **STAR BIG ORION**, **PROFIT** and other top boars of the breed. They are mated to **PERFECT KING**, my well-known show and breeding boar, the only boar that sired 3 gilts that placed in top group and all three **REGIONAL SHOWS** . . . as well as many other top individuals and **MODEL CHERRY 1st**, my new outstanding fall boar, a grandson of Proud Cherry Model. Best in breeding and quality. Plan to attend. Ask for **FREE** catalog and please mention this publication. Address

ELMER WILLEY, VINCENT, IOWA

Auctioneer, H. J. McMurray.

When writing to our advertisers, please mention that you read their advertisements in Wallaces' Farmer and Iowa Homestead.

—PUT YOUR EXTRA DOLLARS INTO U. S. SAVINGS BONDS—

LOW COST FINANCING

ON Tractors, Corn Pickers, Automobiles, Pickups

ON Combines, Hay Balers, Trucks, Other Items

Payments can be arranged to meet Your Farm Income

Write, Wire or Phone

STERN FINANCE COMPANY

736 Des Moines Bldg., Des Moines, Iowa

Telephone 3-8131

Livestock For Sale

SPRING BOARS. Berkshires, Hampshires and Poland Chinas of good type and breeding.

DAIRY BULLS. Ayrshire, Brown Swiss, Guernsey, Holstein, and Jersey bull calves from two to ten months of age.

HORSES. Two three-year-old stallions, one chestnut Belgian and one black Percheron. Write

ANIMAL HUSBANDRY DEPARTMENT
IOWA STATE COLLEGE AMES, IOWA

AUCTIONEERS

BE AN AUCTIONEER

A pleasant, profitable occupation. Send for FREE catalog and how to receive Home Study Course
FRED REPPERT SCHOOL OF AUCTIONEERING
Box 8, DECATUR, INDIANA

LEARN AUCTIONEERING

America's leading Auctioneers teach you. Students sell actual sales during term. Our graduates are successful. Earn large income. Term soon. FREE catalog.
REISCH AUCTION SCHOOL, Mason City, Iowa

ABERDEEN ANGUS

ANGUS COWS

30 Registered Angus cows, desirable breeding. Priced to sell.
WALTER ENGLAND
CLEARFIELD IOWA

HEREFORDS

CHOICE HEREFORD FEMALES

20 excellent heifers of **Star Domino** and **Dandy Domino 11th** breeding. Also 12 mature females. Bred to grandson of Hazford Rupert 81st. Priced to sell.
H. A. LYNN GRUNDY CENTER, IOWA

CHOICE HEREFORD BULLS

We are proud to offer fine herd bulls of serviceable age from our new WHR TRIUMPH DOMINO 79th. Best of type and blood lines. Reasonable. Come to see them.
G. G. AMOS & SON INDIANOLA, IOWA

POLLED HEREFORDS

POLLED HEREFORDS

Offering several grandsons of Noted **HAZFORD RUPERT 81st**, International grand champion and sire of champions. Quality and breeding. Reasonable price.
WM. McARTHUR & SON, MASON CITY, IOWA

SHORTHORNS

Fanning Offers Scotch Heifers

I am now offering some very choice Scotch heifers, sired by our great bull Edellyn Golden Count and bred to our good bull Curtis Candy Mercury II. It will pay you to see these heifers.
FLOYD FANNING NEMAHA, IOWA

MILKING SHORTHORNS

MAKE MORE FARM PROFITS!
RAISE MILKING SHORTHORNS
—4% MILK and GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best profit breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the FREE facts. Or read Milking Shorthorn Journal. Trial subscription 6 months, 50c; 1 year, $1.00.
MILKING SHORTHORN SOCIETY
809 West Exchange Ave. U. S. Yards, Dept. WF-51
Chicago 9, Illinois

MILKING SHORTHORNS

Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural heelers.
PEERLESS & BELL VERNON HERD
Decorah, Iowa

Milking Shorthorn Cattle

Established 1892. Breeding Herds in Rock County, Wisconsin.

We offer quality young **bulls** from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Visit herd—it speaks for itself in production and conformation. REASONABLE.

R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

MILKING SHORTHORN BULLS

Choice bulls, also a few heifers by **WAPSIE CRAGG'S DUKE, LOCKINGE DAIRY DUKE** and **BROADVIEW M.'s PRIDE**. Good breeding. Reasonable. Farm 1½ miles east of Luther.
JOHN S. PAGE R. 1, MADRID, IOWA

Polled Milking Shorthorns

Pedigreed, red and roan bulls from 3 to 7 months old. Good breeding. Price $50 to $100 each at my farm. Act now.
SIG OTDOERFER
Route 3 STRAWBERRY POINT, IOWA

Raise "MILKING SHORTHORNS to Raise Your Income"

Bulls, red and roans from 4 to 7 months old. A proven and grand champion herd sire, **NATTICH GENERAL**, and Record Merit Dams. Farm 1 mile east on No. 36.
JOHN L. OWENS, Box 583 CHILLICOTHE, MO.

MILKING SHORTHORNS

Choice bulls and females, desirable quality. Ruth B blood lines, with 21,641 pounds milk and 956.7 pounds butterfat. Reasonable.
NAAB BROTHERS LAWLER, IOWA

BUY U. S. SAVINGS BONDS

MILKING SHORTHORNS

10 choice purebred Milking Shorthorn cows, 10 yearling heifers, also bull calves.
NORAN SHAVER MELBOURNE, IOWA

MILKING SHORTHORN BULL

Choice, red, little white November bull by son of **ALBURY RED ROBIN**. 3 nearest dams 18,013 with 679 lbs. fat. Dam produced 1,392, 56 lbs. fat in December 1945.
HENRY J. HUSMANN, SCOTCH GROVE, IA.

POLLED SHORTHORNS

POLLED SHORTHORNS

Choice bulls 8 to 14 months old by **CRIMSON SENSATION** and a few desirable females bred to **CLEARVIEW GOLDSPUR**. Priced to sell. Phone through Blencoe, Iowa. Address
PHILIP JOHNSTON & SONS, ONAWA, IOWA

Polled Shorthorn Bulls

Sired by **Dales Crown** and **Shadybrook Knight.** Farm on paved highway No. 169, 30 miles north of state line.
BERT A. HANSON, VERNON CENTER, MINN

POLLED SHORTHORNS

Bulls and heifers sired by CORONET ROYAL 1st. Farm one mile west of **Dunlap, Iowa**, on No. 37 Highway.
A. L. DUNHAM & SON DUNLAP, IOWA

RED POLLS

RED POLL CATTLE

Outstanding serviceable bulls. Two yearling heifers. Good type and breeding. Accredited. 46 years constructive breeding. Reasonable.
J. H. AULTFATHER & SON, AUSTIN, MINN.

RED POLL BULLS

Sired by National Charmer 61062 and Alva Butter Van 59572. Also few cows and heifer. Reasonable.
LEYH BROS., R. 1 SUMNER, IOWA

AYRSHIRES

AYRSHIRES

FASTEST GROWING DAIRY BREED
Write for literature and names of breeders near you with stock for sale
AYRSHIRE BREEDERS ASS'N
47 Center Street Brandon, Vermont

DAIRY CATTLE

DAIRY CATTLE

Full-blood Jersey Heifers, 1 to 3 weeks, $18.00. Yearlings to Springers, $45.00 to $100.00.
SHAWNEE DAIRY CATTLE COMPANY
DALLAS, TEXAS

WISCONSIN DAIRY CATTLE

Holsteins, Guernseys and Brown Swiss. Fresh cows, heavy springers, heifers and calves.
Nebraska's largest shipper of dairy cattle.
PAUL W. ROLFSMEIER SEWARD, NEBRASKA

BULL AND HEIFER CALVES

Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

BROWN SWISS

P. B. Brown Swiss Bulls

From two months to serviceable age, out of tested dams sired by "Judd's Bridge Harvey" whose sire, dam and granddam all classified excellent.
LA VAUGHN WILCOX GUERNSEY, IOWA

GUERNSEYS

Raise a GUERNSEY BULL
To Raise Your INCOME

To get top income over cost of feed, select one of 50,000 registered Guernsey bulls out of a good or better cow and travel the road to more profitable dairying. Write for FREE Booklet.
THE AMERICAN GUERNSEY CATTLE CLUB
298 Grove Street, Peterborough, New Hampshire

GUERNSEY BULLS

Serviceable age, excellent type. **LANGWATER** and **GREEN MEADOW CORONATION KING** breeding, out of Advance Registry cows. Farmers prices. **T.B.** and **Bangs** accredited. COME. Farm 1 mile north.
NOOK DALE GUERNSEY FARM CLINE, IA.

GUERNSEY BULL CALVES

Three Guernsey bull calves for sale, from registered dams producing over 5% butterfat and sired by Cathedral Rilma's Victorious, a grandson of Sir John Rilma and Rockingham Prince Hollistar A. R.
MISS C. LORRAINE BRUCE, CHEROKEE, IA.

OAKLAND GUERNSEY FARM
MUKWONAGO, WISCONSIN

Offers 5 to 30 Guernsey heifer calves, month old, at $30 each, delivered on approval. Also 15 choice heifers, price $2,250. Some fresh, others soon; balance will freshen in 60 to 90 days.

HOLSTEINS

HOLD ALL WORLD'S RECORDS!

All U. S. records for butter fat production in the various ages and classes are held by Holsteins, and they also hold all milk records. The natural size and stamina of the Holstein cow has much to do with record breaking showing.

FREE ILLUSTRATED HOLSTEIN JUDGING MANUAL. WRITE

HOLSTEIN-FRIESIAN ASS'N OF AMERICA • Brattleboro, Vermont Bx.3075

Shomont's Holstein Bulls

Bred for type and production. Priced reasonable.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

WISCONSIN HOLSTEINS

Choice month old heifer calves, without papers, laid down at your station, $31.50 each, the right kind.
CLAYTON CHANDLER
Route 2 Lake Geneva, Wisconsin

High Grade Holstein Heifers

Offering choice month old heifers, in lots of 5 to 20, at $32.00 each delivered.
H. R. LOBDELL, Mukwonago, Wis.

HOLSTEIN BULLS

Serviceable Age to Babies. Sired by **DUNLOGGIN X OLIVER**; DAMS officially CLASSIFIED **H. I. R.** records.
JOHN CREGER, Mgr., WAUKEE, IOWA
HILANE FARM

THESE ARE THE FEEDS

Bolson's Hi-Test Mineral Protein Conditioner
Bolson's Pig Meal . . . Bolson's 20% Full Basket Egg Mash
Bolson's 26% Grain Balancer . . . Bolson's 19% Chick Starter
Bolson's 17% Starting and Growing Mash . . . Bolson's 34% Dairy Concentrate
and Bolson's 36% Concentrate for your own mashes.
Ask your dealer for Bolson's Feeds.

The L.C.BOLSON Co.
A NAME YOU CAN TRUST IN FEEDS!
DECORAH, IOWA.

JERSEYS

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs.
J. J. NEWLIN
Polk County Johnston, Iowa

BERKSHIRES

WHITE ACRE FARM

Purebred BERKSHIRE bred gilts to farrow March and 1st of April. Daughters sired by Calara Advance Quality 3d and Calara Grand Grenadier and bred to Lynwood Ideal Control.
WILBUR VAN DERKAMP, SULLY, IOWA

DUROC JERSEYS

Duroc Jersey Fall Gilts

50 Choice Registered Duroc Gilts, bred to a great son of Spotlight, 1945 Minnesota Grand Champion, for March and April farrow. Sired by a son of the $3,000 Tops, Orion Hi Hope and others. Vaccinated. Priced reasonable.
EARL DRUMMY RYAN, IOWA
¾ mile south, 3 miles east.

DUROC GILTS—FALL BOARS

Bred gilts by **Pathfinder Blazer**, and Thickset Lad. The last of **Pathfinder Blazer's** get mated to Thickset Lad and Low Type Master. Guaranteed. Reasonable.
CHARLES DAHLKE SCRANTON, IOWA

DUROC BRED GILTS

Sired by Top Master, and bred to Low Set Special, a future champion by the 1945 Iowa Grand Champion. Priced very reasonable. Location one mile East Ryan Catholic Cemetery.
VINCENT DRUMMY Ryan, Iowa

75—GOOD DUROC GILTS—75

These gilts are thick, medium type. Bred for March and early April. Bred to Ringmaster **No. 173419**, Profit Maker **No. 196103** and Pathmaker **No. 231891**. All three from Iowa Falls Breeders' Assn. Come and see them. Reasonably priced.
SAM ROBERTS & SONS JEFFERSON, IOWA

HAMPSHIRES

REGISTERED HAMPSHIRES

Bred sows and gilts March and April farrow by **GRANDIOSE** and **GLORY BOUND ACE**, son of All American Glory Bound. Bred to sensational son of **V. DAY**. Also top fall boars and open gilts.
ALBERT J. LARSON & SON, AYRSHIRE, IOWA

HEREFORD HOGS

Long's Hereford Hog Farms

35 choice bred gilts and sows. If you want real Hereford hogs, come see them. Reasonable. Write for FREE literature.
HAROLD C. LONG & SON, LAKE VIEW, IOWA

Registered Hereford Hogs

Can please anyone: priced at about half what you would pay at auction. Boars out of reserve champion at National Show. JASPERS RETURN. Act now. Originators.
JOHN C. SCHULTE & SONS NORWAY, IOWA

POLAND CHINAS

POLAND CHINA BOARS

Choice quality, thick bodied boar pigs of August farrow, sired by Peek Again, the No. 1 pig in the Forest sale at Mt. Vernon, Iowa, in 1944. Peek Again also for sale. All immune. Write
W. S. AUSTIN & SON DUMONT, IOWA

POLAND BRED GILTS

Poland China gilts bred for March and April farrow. Well grown, well bred, choice individuals, priced to sell.
CHAS. F. SCHRUNK & SON, MAPLETON, IA.

POLAND CHINA BRED GILTS

Gilts from sow-tested litters to farrow in March and April, sired by Grand Champion boars. Choice individuals. Cholera immune. Mated to "Perfect Type" and "Commander," a top son of the 1945 Minnesota State Champion Boar.
J. H. AULTFATHER & SON AUSTIN, MINN.

SPOTTED POLAND CHINAS

SPOTTED POLAND GILTS

Choice big, thick gilts by **Broadside** and **Bomb-Bomb**. Bred to two outstanding heavy-boned, heavy-bodied boars. One a top son of **F.B.I.** Farm 3½ miles east on No. 16.
KRAMER BROS. ADRIAN, MINN.

SPOTTED POLAND GILTS

Excellent bred gilts to farrow in March. Bred to two good boars, a son of F. S. Jackson's **Top Flight** and a son of **Warren's Commander.** Registered, vaccinated. Reasonable.
FLOYD McGRATH GREENE, IOWA

20 REGISTERED SPOTTED POLAND GILTS

That have thickness, quality and size. They are tops and are bred to the top sons of LADDIE and 4 SQUARE for March and April farrow. Farm two miles east and 8½ miles north of Goldfield. Phone 31-28, Kanawha.
DONALD ENGH GOLDFIELD, IOWA

Spotted Poland Fall Pigs

Sired by **Wide Model** out of dams by **Nebraska King.** Good heavy bone, thick. Both boars and gilts. Reasonable.
MORRIS REED ESSEX, IOWA

SPOTTED POLAND CHINAS

40 purebred bred gilts, to farrow in March and April. Easy feeding kind with best of breeding. An outstanding bunch of gilts.
CLARENCE HOCK GILMORE CITY, IOWA

DUROC DISPERSAL

At farm 1 mile south and 4 east, 1 mile ... KANAWHA, IOWA, SAT., FEB. 9th

30 choice bred gilts, 3 fall boars, 10 ... fall gilts. The spring gilts by son of **Lo-Boy** and bred to two sons of **Victory Orion Lad**. Included are prize winning gilts at ... and gilts from official **Ton Litter.** ... **Holstein** cows with **C.T.A.** records, ... Hogs and cows tested for **Bang's** January 15 and negative. Hogs vaccinated. Reason for selling: am entering **service.** Ask for ... and attend.

MARTIN CLARK, KANAWHA, IOWA

ILLINOIS BERKSHIRES

At Normal University Farm
NORMAL, ILLINOIS, FEBRUARY 16th
50 TOP BRED GILTS

The cream of the crop, selected from top herds, sired by great sires and mated to good boars. Buy a quality bred gilt here. Ask for **FREE** catalog. Please mention this publication. Address
LAWRENCE NICHOLS, Secy.
CONGERVILLE ILLINOIS

SPOTTED POLAND CHINAS

Spotted Poland China Sows

Good sows bred to good boars for March and April farrow. Eligible to register. Farm located 2 north, 3½ west of Alta, 3 east of Aurelia.
FORREST HULTGREN ALTA, IOWA

SPOTTED POLANDS

60 registered gilts bred for March and April to a son of **Sunny Jim 2d**, a son of **Wide Type** and **Heavy Way Down**, three great boars. Reasonable. We do not ship. Phone Pitzer 2334
FRED J. SCAR EARLHAM, IOWA

SPOTTED POLAND GILTS

Purebred Spotted Poland China bred gilts to farrow in March.
NORAN SHAVER MELBOURNE, IOWA

SPOTTED POLAND SOWS

A grand lot bred sows and gilts by THE INVADER and others. Bred to TOP ROW by Revelation, PARAMOUNT SUPREME and PEDRAS ROYAL HIGH. Good breeding. Reasonable.
WM. O. NOTZ & SON, CRESTON, IOWA

Registered Spotted Polands

Fall and spring gilts bred to **Silver Tone**, **Silver Armour**, litter mates by **K. C. CHIEF**, $1,200 boar. Dam by Silver Chip, $1,500 boar. My customers won 1st at fairs, including ... whose stock stole show at Hardin County ... **F.F.A.** bought the first prize boar.
PETER WITT KEYSTONE, IOWA

SHEEP

SHROPSHIRE EWES

Limited number of choice Shropshire ... for 4-H Club or foundation stock. ... and priced reasonable.
PAUL FREDERICK ORIENT, IOWA

WANT TO KNOW ABOUT CORRIEDALE SHEEP?

Write for Iowa Corriedale Breeders ... Directory and information about Corriedale ... Write
K. M. WAGNER, Secy., WEST LIBERTY, IOWA

Registered Corriedale Sheep

75 Rams, 150 Registered Bred Ewes ... registered Ewes. Puppies—Collies, ... Airedales, Rat Terriers, Spitz. ... Guaranteed. Office: Stone's Wool House.
THOS. STONE CHARITON, IOWA

DOGS

Shomont Collies

Workers—Companions—Guards. Write for free list.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

GENUINE ENGLISH SHEPHERD PUPS.

(Heelers, no fooling.) (Year's trial.) Guaranteed.) Training instructions. Males, females, spayed females specialty. (Several partly trained.)
EMIL RUNFT
Reinbeck - - - - - - Iowa

WANTED TO BUY

Good English Shepherd or Collie pups.
Write Box 1, Wallaces' Farmer and Iowa Homestead

SHEPHERDS, COLLIES

Heelers, Watch Dogs
E. N. ZIMMERMAN
Flanagan Illinois

GENUINE ENGLISH SHEPHERD PUPS

Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

ENGLISH SHEPHERD PUPS

An excellent offering of English Shepherd Pups for sale. Farm raised.
ALVIN MILLER, MANILLA, IOWA

BUY U. S. SAVINGS BONDS

Up-to-Date News Of Coming Livestock Sales

ABERDEEN ANGUS

Feb. 27-28, Mar. 1—National Show and Sale, Chicago, Ill.
Mar. 4—Western Iowa Breeders, Sac City, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Mar. 11—Interstate Breeders Assn., Sioux City, Ia.; P. K. Pratt, Mgr., Walnut, Iowa.
Mar. 12-13—Iowa State Show and Sale, Des Moines, Iowa; Herb Cline, Secy., Bussey, Iowa.
Mar. 20—Tall Corn Assn., Marshalltown, Iowa; C. G. Mason, Secy.
Mar. 26—Bar H Farms, Columbus Junction, Iowa, and Grove Creek Farms, Muscatine, Iowa.
Mar. 27—Otto G. Nobis, Davenport, Iowa.
Mar. 28—Mercer County Breeders, Aledo, Ill.; Bush McWhorter, Secy.
Mar. 29—F. M. Bradley & Son, Avon, Ill.
Apr. 12-13—Central Illinois Breeders, Congerville, Ill.; Simon E. Lantz, Mgr.
Apr. 20—Marion County Breeders, Knoxville, Ia.; Herb Cline, Secy., Bussey, Iowa.
May 4—Minnesota State Sale, Slayton, Minn.; Clement C. Chase, Secy., Pipestone, Minn.

HEREFORDS

Feb. 12—Creston Hereford Breeders Assn., Creston, Iowa; Roy A. Wilson, Secy.
Mar. 18—Iowa Breeders Assn. Sale, Sioux City, Iowa; F. W. Ketelsen, Mgr., Everly, Iowa.
Apr. 26—Northeast Missouri Breeders, Memphis, Mo.; G. F. Leslie, Jr., Secy.
Apr. 27—North Central Missouri Assn., Trenton, Mo.; J. E. Stewart, Secy., Newtown, Mo.
Apr. 30—North Iowa Association, Mason City, Iowa; Leigh R. Curran, Mgr.

POLLED HEREFORDS

Feb. 21—N. W. Iowa Polled Hereford Assn. Sale, at Le Mars, Iowa; Ed Krise, Secy. and Mgr., Rock Rapids, Iowa.
Mar. 7—F. P. Westcott, Denison, Iowa.
Apr. 18—Southwest Iowa Polled Hereford Breeders, Oskaloosa, Iowa; Roy Van Heukelom, Secy., New Sharon, Iowa.
Apr. 29—North Iowa Association, Mason City, Iowa; Leigh R. Curran, Mgr.

SHORTHORNS

Feb. 9—Dewar Bros., Cherokee, Iowa.
Feb. 20—Annual Spring Show and Sale, South Omaha, Neb.; Merr. Aegerter, Mgr., Seward, Neb.
Mar. 2—North-Central Iowa Breeders, Garner, Iowa; R. W. Hagie, Mgr., Clarion, Iowa.
Mar. 4-5—Interstate Shorthorn Breeders Assn. sale, at Sioux City, Iowa; F. E. Jackson, Secy., Harley, S. D.
Mar. 11—Minnesota State Sale, at University State Farm, St. Paul, Minn.; N. T. Tindahl, Mgr., Waterville, Minn.
Mar. 18—Marshall County Breeders, Marshalltown, Iowa; J. H. Packer, Mgr.
Mar. 22—Shorthorn Breeders Sale, Abingdon, Ill.; [illegible], Sale Mgr.
Mar. 29-30—Iowa State Show and Sale, Des Moines, Iowa; Chas. Garden, Mgr., Route 6.
Apr. 1—Southwest Iowa Breeders, Red Oak, Iowa; [illegible], Secy.
Apr. 20—Northeast Missouri Breeders, Wayland, Mo.; [illegible] Young, Mgr.
May 7—Sioux Empire Breeders, Sioux Falls, S. D.

POLLED SHORTHORNS

Feb. 1-2—National Polled Congress, Lincoln, Neb.
Feb. 21—Annual Spring Show and Sale, South Omaha, Neb.; Merr. Aegerter, Mgr., Seward, Neb.
Mar. 23—Illinois State Sale, Normal, Ill.; Hal [illegible], Mgr.
May 6—Iowa State Sale, Cedar Rapids, Iowa; E. S. Girton, Mgr., Box 202, Marshalltown, Ia.

MILKING SHORTHORNS

Feb. 23—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.

DAIRY CATTLE

Feb. 6—Amos Gingerich & Sons (Guernseys), Wellsburg, Iowa.
Feb. 12—A. J. Fliss & Son (Holsteins), Terril, Iowa.
Feb. 1[illegible]—Matt Leatis & Sons (Holsteins), Fort Dodge, Iowa.
Mar. 19—Iowa State Sale, Holsteins, Waterloo, Iowa.
Mar. 20—Hansen & Merner, Holsteins, Cedar Falls, Iowa; sale at Waterloo, Iowa.

COMMERCIAL CATTLE

Mar. 21—Herefords, Angus, Shorthorns; Perry, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.

BERKSHIRES

Feb. 2—Milo Walrab, Mt. Vernon, Iowa.
Feb. 5—Carl A. Henkel, Mason City, Iowa.
Feb. 12—Harmon Coffin, Zearing, Iowa, and W. [illegible] & Son, Colo, Iowa; sale at Nevada, Iowa.
Feb. 15—[illegible] Dispersion, Newhall, Ia.
Feb. 16—Illinois State Sale, Normal, Ill.; L. A. [illegible], Congerville, Ill.
Feb. 22—Guy F. Jordan, Emerson, Iowa; sale at Red Oak, Iowa.
Feb. 25—C. E. Conover & Son, Holstein, Iowa.

CHESTER WHITES

Feb. 2—A. L. Paine & Son, Lake Mills, Iowa.
Feb. 12—Earl Tatge, Luzerne, Iowa.
Feb. 13—[illegible] Ferreira, New Sharon, Iowa.
Feb. 14—Roy V. Copp, Glidden, Iowa.
Feb. 15—C. T. Keen & Sons, Legrand, Iowa.
Feb. 16—A. H. Stuart, Newhall, Iowa.
Feb. 18—Fred Mutschler, Geneva, Iowa.
Feb. 20—Warren Conner, Glidden, Iowa.
Feb. 21—Clarence Smith, Jr., Primghar, Iowa.
Feb. 22—R. A. Riemenschneider, Kingsley, Iowa.

DUROC JERSEYS

Feb. 2—Hugh Louden, Grinnell, Iowa.
Feb. 8—Marion Clark, Kanawha, Iowa.
Feb. 11—W. H. Wahls, Dewitt, Neb.
Feb. 12—Sunset Knoll Farm, Ames, Iowa.
Feb. 1[illegible]—Roy Brock & Sons, Hull, Iowa.
Feb. 1[illegible]—T. E. Smith, Paton, Iowa.
Feb. 1[illegible]—Joe Pudenz, Carroll, Iowa.
Feb. 17—Elmer Willey, Vincent, Iowa.
Feb. 1[illegible]—W. H. Helmke & Sons, Renwick, Iowa.
Feb. 1[illegible]—Iowa Falls Duroc Breeders Assn., Iowa Falls, Iowa.
Feb. 22—Warrick Bros., Monroe, Iowa.
Feb. 2[illegible]—Roy Hagedorn, Greenville, Iowa.
Feb. 25—Kostek Bros., Riverside, Iowa, and Harold [illegible], Muscatine, Iowa.
Feb. 27—[illegible] Pudenz, Carroll, Iowa.

HAMPSHIRES

Feb. 2—Western State Sale, Carroll, Iowa.
Feb. 4—Wilmer Hadgen and Emery Riemenschneider, Pierson, Iowa; sale at Sioux City, Iowa.
Feb. 6—Portland Farms, Cedar Rapids, Iowa.
Feb. 8—Albert W. Martin & Sons, Marion, Iowa; sale at Cedar Rapids, Iowa.
Feb. 9—Eastern State Sale, Cedar Rapids, Iowa.
Feb. 1[illegible]—[illegible] Bros., Alden, Iowa; sale at Iowa Falls, Iowa.
Feb. 18—[illegible] Bros., Nevada, Iowa.
Feb. 1[illegible]—[illegible] Hartford, S. D., and [illegible], Alexandria, S. D.; sale at Sioux Falls, S. D.
Feb. 2[illegible]—George Lippold, Jr., Avoca, Iowa.
Feb. 2[illegible]—[illegible] Zimmerman, Harlan, Iowa.
Feb. 2[illegible]—[illegible] & Christiansen, Nora Springs, Iowa.

POLAND CHINAS

Feb. 15—[illegible] Setz & Sons, Dolliver, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska, Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

STOCKMEN AND POULTRYMEN are in the midst of another tight winter as far as feed supplies are concerned. Outside the corn belt, the situation is really severe, as feeders are finding it difficult to keep reserve supplies on hand. Because our corn crop was so soft, mid-west farmers are utilizing it at home to finish more cattle and to feed hogs to heavier weights. The increased amount of meat will be most welcome, but before next fall's harvest there'll be a lot of empty cribs. Already, commercial processors are having difficulty getting corn and have reduced operations. Normally, they don't feel a shortage until along in March.

ALL LIVESTOCK GO for soft corn—preferring it to hard varieties in numerous tests run at the South Dakota experiment station. The only trouble, a bushel just feeds out about 50 to 75 per cent as far in producing a hundred pounds of gain. Actual trials show yearling cattle make the best use of soft corn, followed in order by lambs, pigs and steer calves.

THERE'S AMPLE ROOM for improvement in pork production practices, many of which would lead to greater efficiency. Weak litters that have a slim chance to survive result from improper feeding of the brood sow, along with, perhaps, too much confinement. When sows are denied exercise and are forced to eat only what is put before them, often they do not get the minerals, vitamins and other elements necessary to produce healthy litters.

SOME OF THE FIRST Walnut Grove minerals ever manufactured, over a quarter of a century ago, went to farmers in Poweshiek county, Iowa. Ever since, Poweshiek county farmers have used and liked our products. Among our many customers in this territory are E. W. Elliott, Frank Dolmadge, Emory Farley, John Carlson, Henry Vols and Marvin Himshoot. Our new representative over there is Clarence Schweibert, who, by the way, is doing a swell job.

WITH 85 PER CENT of the 150,000 individual locker boxes in Iowa used by farmers, the time-old winter custom of home butchering isn't as important as it used to be. Farmers generally plan to have fresh meat the year around, slaughtering periodically enough to fill the family needs for three to five months at a time. Good grade beef and lamb can be stored for a longer time, but meats that are frozen too long tend to lose moisture and palatability.

FROZEN MEATS from the cold storage locker may be thawed by whatever method is the most convenient, without loss of flavor or quality. However, when meat is frozen at temperatures of from 20 to 30 degrees, such as might be the case where a carcass is kept in a cold room on the farm, the moisture and savory juices will escape if thawed rapidly.

IN SOUTHERN MINNESOTA, in fact just across the line from Iowa, Martin county farmers like August Wiederbock, Leonard App, Wm. Stock, David Edmund, Francis Blowers and Fred Grippentrog are feeding our products with much success. As a mineral balance for home-grown grains, Walnut Grove cannot be beaten. This business is handled by our representative in this territory, Horace Cain.

THE OLD BIBLICAL QUOTATION about the fatted calf was brought up to date recently by a Kansas farmer who prepared a big homecoming barbeque for his service-man son and the latter's buddies. However, bad roads and inclement weather kept the attendance down to 200. More may be on hand next time, though, because at the height of proceedings the son announced he had re-enlisted for another 12-month stretch.

THE TOP LEADERS of agriculture, labor and industry will headline the program at the National Farm Institute in Des Moines, February 15-16. Secretary of Agriculture Clinton Anderson, Director-General of the Food and Agriculture Organization Sir John Orr, Farm Bureau President Ed O'Neal and Farmers Union President Jim Patton are just a sample of the caliber of talent the Des Moines Chamber of Commerce has invited to discuss the peacetime challenge to Agriculture.

FARM AND HOME WEEK will be resumed at Iowa State College after a wartime lapse. Activities the week of February 11 are being planned for all farmers of Iowa. The four-day program will be overflowing with educational features worth driving miles to attend. More than a dozen groups are scheduling annual meetings. With the food and housing situation such as it is in Ames, most of those participating probably will have their stay limited to less than the full four days.

MEMBERS OF OUR quarter century club in Marshall and Tama counties, where Walnut Grove products have been sold from our very beginning, include, among others, these Iowa farmers: Wm. Smaha and son Max, Joe Smaha and son Glen, Fred Sage and Ray Reidel. These men know the value of our minerals in balancing livestock feeds. Service is provided by our long-time representative for that territory, Lawrence Hibbs.

IOWA'S FIRST HOLSTEIN breeder to win the national breed association's highest honor—the Progressive Breeder award—is a Black Hawk county farmer familiar to all dairymen in the mid-west. He is Ernie Wright, for 13 years field secretary of the Iowa State Dairy Association, before his resignation in 1942, when he began concentrating on the development of a herd of his own. Only 82 Holstein breeding establishments in the nation have received this honor.

MASTER PORK PRODUCERS last spring raised more than 8½ pigs per litter from 543 sows farrowing on the top 25 farms. This is one reason these men were designated "Masters." But this record isn't merely attributed to good luck by any of them. Those that had early litters used sound feeding and management principles. Artificial heat, especially the homemade electric pig brooder, played an important part. Guard rails were installed in a number of pens. The sows were properly fed and the pigs were given attention at the start. Certainly sound practices, and they all paid big dividends.

IN THE HEART OF IOWA, Walnut Grove products are well and favorably known in southern Story county. Many of our customers, there, have been with us for from five to twenty years. They include men like Floyd Cummings, Dennis Halterman, Melvin Wilkening, J. W. Kimberly, Fred Ross and Harold Schoppe. Chas. Heizer, our representative for over seven years, is their serviceman.

FOR THE FIRST TIME in the history of production goals, officials have come up with a quota on the number of honey bees we can have buzzing around. The increased goal isn't as far-fetched as it might seem because that's one way to make seed production more profitable through better pollination.

IN THE MISSOURI river watershed, soil erosion and water conservation have been two major problems. However, in one particular district along the Boyer river, in Harrison county, the problem has literally been solved too well by hundreds of conservation-minded beavers. The dam-builders were so enthusiastic about retarding the flow of water that many acres are now flooded and conservation officials are obliged to dynamite to save farmers the job of moving to higher ground.

SOLD ONLY BY DEPENDABLE REPRESENTATIVES
Walnut Grove Minerals
Home Office ATLANTIC—IOWA

Coming Livestock Sales
(CONTINUED)

SPOTTED POLAND CHINAS

Feb. 5—A. J. Anderson & Sons, Kellogg, Iowa.
Feb. 6—Earl Kellogg & Sons, Winfield, Iowa.
Feb. 7—Eugene Rath, Missouri Valley, Iowa; sale at Council Bluffs, Iowa.
Feb. 7—Fred Fuller, Iowa Falls, Iowa; sale at Eldora, Iowa.
Feb. 8—Carl Hebner, Jefferson, Iowa.
Feb. 9—O. W. Frisdow, Britt, Iowa.
Feb. 9—Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Feb. 11—Albert Klocke, Night Sale, Manning, Ia.
Feb. 11—Dispersion Sale; Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Feb. 14—Cortland D. Johnson, Renner, S. D.; sale at Sioux Falls, S. D.
Feb. 16—Tom Vint, Spencer, Iowa.
Feb. 16—Emmett Bros., Mason City, Iowa.
Feb. 19—Miles M. and Max Mann, Woodbine, Iowa.
Feb. 22—Jack Zimmerman, Earling, Iowa.
Feb. 27—Frantz Bros., Grand Junction, Iowa.

YORKSHIRES

Feb. 25—Merritt B. Cook, Sale Mgr., Nemaha, Iowa; sale at Sac City, Iowa.

Livestock News

The Holstein dispersion sale of W. H. Helmke & Sons, at Renwick, Iowa, on December 1, brought out a large crowd, and they sold 62 head of cows, heifers and heifer calves at an average of $345 per head. Their top cow was No. 10, and she went to the Bright Spot Dairy, Clinton, Iowa, at $500. No. 1 went to Speis & Lein, Graettinger, Iowa, at $425. A lot of cows brought $300 and over, and the demand was quite strong. The 10 head of bulls made an average of $347 per head. The top bull was the herd bull, and he went to the Linn County Cooperative Co., at $800. The College View Farms, at Wayne, Neb., took eight of the best cows in the sale; the remainder stayed in Iowa. Col. Pettit cried the sale.

The Angus dispersion sale of W. S. Austin & Son, Dumont, Iowa, which was held at Aplington, Iowa, January 21, drew a good attendance. They presented good, useful breeding cattle in nice form. The top was the herd bull, Prizemere 519th, a four-year-old, and he went for $325 to C. C. Rutledge, Webster City, Iowa. Auditor of Oak Glen 2d, a yearling bull, sold for $300 to Joe White, Elgin, Iowa. The top female was Enchantress of Oak Glen 6th, a five-year-old, and she went at $285 to Joe Hall, Albion, Iowa. Blackbird of Oak Glen 33d and heifer calf sold for $270 to E. Garrells, Dumont, Iowa, who bought several head. The 11 bulls averaged $229, with 39 females (a few cows advanced in years and young heifers) averaged $202 each. Auctioneer, J. E. Halsey.

Damage by Estrays

Cattle belonging to my neighbor across the road got out thru a gate he left open and ate and destroyed a quantity of my corn, mussed up our yard, etc. I was gone at the time, but when I came home I shut them up. When my neighbor came after them, I told him I expected him to pay for the damage done. Next day, he claimed one of his calves died, and he was going to hold me responsible for that loss. Am I liable?

The Iowa law makes it the duty of the owner of livestock to prevent it from running at large, and holds him responsible for damage done by his livestock to the property of others. However, the owner of an adjoining farm can not hold the owner of the livestock responsible if the livestock got onto his property thru his failure to maintain his share of a partition fence.

Since the owner of the livestock which did the damage on your farm lives across the road, the partition fence question does not enter the picture in your case.

Assuming that the death of his calf was not caused by mistreatment, such as rough handling, when you shut up the calf, and that its death was purely due to overeating in your corn field, certainly you are not liable for his loss.

Iowa Market Hog Show

A Market Hog Show is to be held on March 23, at Cedar Rapids, Iowa. This is the first show of what is expected to be an annual event. The Iowa Swine Producers Association, Iowa State College and Cedar Rapids groups will sponsor the show.

Prizes totaling $800 are offered. FFA members, 4-H members, farm producers and purebred hog producers are eligible to enter hogs in the show. There will be an adult and a junior division.

The show will be open to hogs farrowed August 15 of the year before, with a minimum weight of 180 pounds at show time. Hogs must be owned and exhibited by Iowa residents.

Interested hog raisers can get further information and entry blanks from C. D. Moore, Chamber of Commerce, Cedar Rapids, Iowa. Entries must be in by March 10.

Time Required in Milking

Three minutes is the average time in which a cow can be milked, according to studies at Iowa State College. At the end of five minutes, the teat cups should be removed, if it takes that long, and the cow finished by hand. Further action by the machine, the dairymen say, will be painful to the cow and may injure the teat openings.

The Tank Truck

News from Your Conoco Agent about Lubricants, Farm Fuels, and Service

3 CHEERS FROM 4 TOWNS:

OSAGE AND ALTUS AND PRITCHETT AND LAMAR!

Iowa, Oklahoma, Colorado, Missouri : : : from every state West and Middle West comes the word of farmers and ranchers—*good* word—about Conoco N^{th} motor oil. From all over the map, their letters pour in to Your Tank Truck Editor, till he sometimes feels downright aggrieved that there just isn't enough room to print all of them. But even just picking at random, Your Tank Truck Editor feels pretty sure you're getting his point, because all of these letters have so many good down-to-earth opinions about farm lubrication in general and Conoco products in particular.

GOOD WORD FROM OSAGE, IOWA...

Take this letter from Leonard Roehr of Osage, Iowa, for example. Mr. Roehr has lived near Osage all his life. He farms 284 acres and raises considerable livestock. His crops, in order of importance, are corn, oats and soy beans.

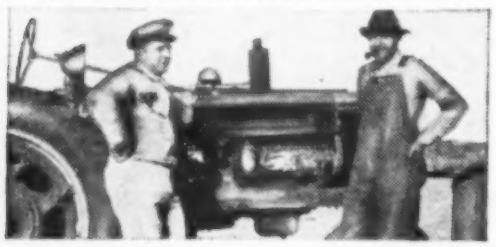
Leonard Roehr (left) looks with interest at M. E. Woodiwiss' demonstration of a grease gun—and it looks like Leonard has enough Conoco pressure lubricant there for many a good grease job!

"When I say Conoco motor fuel and oils are the best money can buy," Mr. Roehr writes, "I know what I am talking about. Six years ago I switched to Conoco products . . . I have found I can operate with less expense with Conoco tractor fuels. Conoco motor oils stand up very well in my John Deere tractor."

PRAISE FROM ALTUS, OKLAHOMA...

Or read here what F. E. Blackstone wrote from Altus, Oklahoma. In addition to being Case implement dealer in his area, Mr. Blackstone farms extensively and is a wheat grower on a fairly large scale. His equipment includes four tractors and two trucks, as well as a whole raft of other farm machines.

W. M. Bradburn (right) and George Love swap ideas on keeping farm machines on the go—and they seem to have agreed that one important factor is good lubricant!



"For the past ten years or so," Mr. Blackstone writes, "I have used Conoco products almost exclusively in my farming operations near Altus. . . . I give considerable credit to Conoco N^{th} motor oil and Conoco greases for having helped materially in keeping my worn equipment in operation during this period of labor and parts shortages. Since I am Case implement dealer in the Altus area, perhaps I pay a little closer attention to the operation of my equipment than does the average farmer. My own satisfactory experience causes me to say that I will recommend Conoco products and service to any farmer without reservation."

Like 'em? They're Prince Junior 34th and Prince Junior 13th, registered Hereford bulls owned by Truman W. Richards. Oh, yes!—the men in the picture are Conoco representative Guy Ross and Mr. Richards!

APPLAUSE FROM PRITCHETT, COLORADO...

And here is the good word about Conoco products from W. M. Bradburn of Pritchett, Colorado.

"I farm almost 520 acres 15 miles southwest of Pritchett, Colorado," he writes, "I have used Conoco gasoline, N^{th} motor oil and Conoco greases since 1937 and have been exceptionally well satisfied with them. I use an International Model H tractor in general farm work, plowing, cutting feed, etc., and have never had a breakdown. In checking the motor I have found very little wear and attribute this to good lubrication."

"BOUQUETS" FROM LAMAR, MISSOURI...

Then read here what Truman W. Richards writes from Lamar, Missouri, about his experience. Mr. Richards owns a registered Hereford ranch, keeping a herd of 100 registered Herefords on his 800 acres of level farm and pasture land.

"I began using Conoco products some 20 years ago. I consider Conoco products are 100% in keeping farm motors and other equipment operating smoothly and for many years I have used nothing but Conoco. I have found Conoco service very prompt and I believe their products are the best that can be bought. . . ."

REASONS FOR THOSE GOOD WORDS ABOUT CONOCO N^{th} MOTOR OIL

Now here in these four letters, you have a pretty fair cross-section of opinion about Conoco products for the farm, and especially Conoco N^{th} motor oil.

THE GREASE VETERAN SAYS:

"Well, February is our shortest month when it comes to number of days, all right, but it's sure not short on work that has to be done. '*Such as what!*' you might ask—and maybe you've guessed I'd say '*Such as greasing . . . that's what!*' Seriously, though, there's no better time than right now for checking on all kinds of equipment. Cold weather can play hob with machines like pumping engines and windmills if they're not lubricated specially well—with the right kinds of oil or grease. If you've gone and lost the manufacturer's recommendations like most of us do, don't try guesswork. Call on someone who really knows—like the man that supplies your lubricants or the man you bought the machine from. And that advice goes for all kinds of machines, too!"

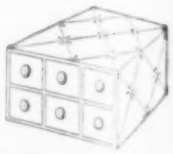
That's a good tip from the Grease Veteran—and Your Conoco Agent will gladly do his part to help you keep all your machines lubricated *right*.

$ DOLLAR-AN-IDEA $

Ideas that help to make work easier on the farm front are worth a dollar in any man's money! Send your original ideas to *The Tank Truck* in care of this paper—win $1.00 for each of your ideas printed!

Mrs. Joe McCord of Frankfort, Indiana, fixed a doorknob when the threads were badly worn by drilling a hole through the shaft and through the shank of the knob and fastening with a small stove bolt.

From Independence, Missouri, Mrs. Raymond L. Ward writes of her use of a small magnet on a string to pick up needles or pins that drop when she is sewing.



The illustration at right shows a useful miniature chest of drawers for storing buttons, thread, needles and other small objects. Mrs. William T. Watson of Caney, Oklahoma, made it from match boxes and scraps of dress material.

Mrs. Elsie Brown of Cleburne, Kansas, suggests painting only every other step when painting stairs. This leaves alternate treads for walking. When painted steps are dry, the others can be painted too.

One and all, these men have nothing but good to write about Conoco products—and Your Tank Truck Editor wants to say a few good words right here and now himself, about the reasons behind all those opinions of Conoco quality.

Take Conoco N^{th} motor oil. Two very good reasons exist for N^{th} oil's exceptional ability—and those reasons are called OIL-PLATING and *Thialkene inhibitor*.

The ability to OIL-PLATE is a special characteristic of Nth oil . . . an ability to fasten durably or sort of *plate-up* lubricant on fine-finished surfaces inside any engine. This ability comes from a special ingredient in N^{th} oil—a substance whose action seems magnet-like. And with OIL-PLATING up on engine parts, you can imagine wear getting a beating . . . and wear, you know, is the real big cause of carbon and sludge!

Thialkene inhibitor is a substance to retard breakdown of the oil. Working with Conoco N^{th} oil's special OIL-PLATING ingredient, *Thialkene inhibitor* helps your engine work harder with less danger of any fault in lubrication.

Now that you've read these opinions about N^{th} motor oil—and something about the reasons for those opinions—maybe you'd like to see how N^{th} oil and other Conoco products work out in your own machines. That's easy as rolling off a log! Just phone Your Conoco Agent to come on out with all your fuel and lubricant needs. He'll make it just as soon as he can—and he'll bring your FREE Conoco Tractor Lubrication Chart . . . designed especially for your own make of tractor. Call him today. No obligation. Continental Oil Company

AT YOUR SERVICE WITH:

Conoco N^{th} motor oil—Conoco HD oil
Conoco transmission oils—Conoco pressure lubricant
Conoco Pumplube, Rocelube and Coglube
Conoco Sujind grease, cup grease and axle grease
Conoco N-tane gasoline—Conoco tractor fuel
Conoco diesel fuel—Conoco kerosene and distillates

Your Conoco Agent

CONOCO

FOR NEW-DAY PERFORMANCE GET CONOCO N-TANE* GASOLINE!

Remember one big thing about gasoline now. . . . Don't say octane—*say N-tane!* That's today's new anti-knock gasoline. . . . *Conoco N-tane gasoline!* It's full of stepped-up power that's quieted down! It's made to put the purr in your engine . . . to stuff your tank with mileage . . . to take the fuss out of starting. Give your car and your spirit a lift by getting Conoco N-tane today—at Your Mileage Merchant's Conoco station in town—or through Your Conoco Agent.

*TRADE MARK

Periodical OV2

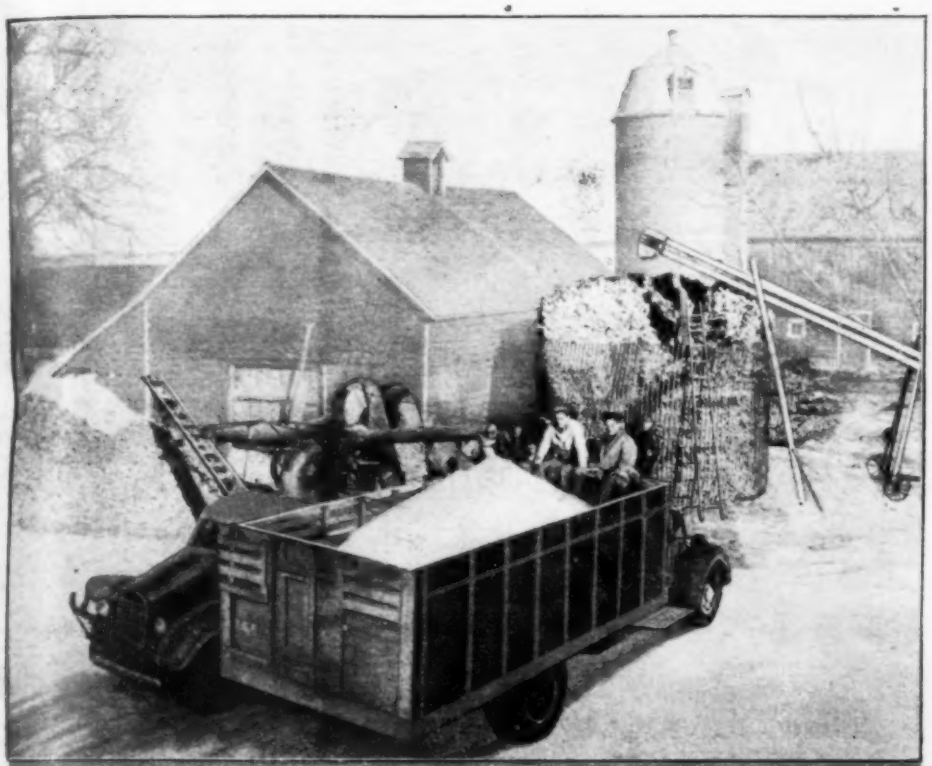
DETROIT PUBLIC LIBRARY
BIBL WOODWARD AVE
DETROIT 2, MICH
SINGLE ISSUE D

BUY U. S. SAVINGS BONDS

WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

PUBLIC LIBRARY
FEB 20 1946
DETROIT



Outside Corn is being moved rapidly from corn belt farms. At left, Nels Koltvet, of Wright county, Iowa, found corn in the pens drier than corn in the cribs. It was husked later.

Wet Corn and possible scarcity of feed next summer hasn't scared William Sheriff, Wright county, Iowa, hog raiser, shown below. He is keeping over 100 brood sows to farrow spring litters. He raised 717 pigs last year from 102 sows. Sheriff has been named an Iowa Master Swine Producer.

Keep Corn for Hogs

"DON'T sell your corn short." That was the advice given a farmer by a farmers' elevator manager up in Wright county, Iowa.

"But what if the corn won't keep?" the farmer asked. "Doesn't most of the corn you buy have from 20 to 30 per cent moisture?"

"Empty one side of your double crib and then move the corn in the full crib to the empty one," the elevator man suggested. "That will break it up and dry it out—it might even pay to move it twice, and sort it if necessary."

"Wish I had kept my cattle," replied the farmer.

There's a national feed shortage here now, according to Secretary of Agriculture Clinton B. Anderson. But it is complicated in much of the northern corn belt by the presence of high-moisture corn.

"Farmers are mostly pessimistic about the corn keeping next summer," said H. L. Shipman, a member of the Wright county AAA committee.

Shipman thought farmers might get by if they kept their best corn and bought the high moisture corn for feeding this winter.

That kind of a trade is going on in most of the soft-corn country.

In Hamilton county, Iowa, the Taxted brothers were shelling corn and delivering to a local elevator. It was rent corn, grown on land adjoining the farm owned by the brothers.

A tractor mounted manure loader was used at the sheller to knock down the corn in the unroofed outside pens.

At the elevator, trucks dumped the landlord's share. Waiting was a farmer's wagon, pulled by a tractor, to take a load back to his farm for feeding.

At the Galt elevator, in Wright county, it was reported that farmers were taking out as much corn as was coming in most of the time. The driest corn had shown 21 per cent moisture.

"Corn will be scarce next summer," said Nels Koltvet, Wright county farmer. He was shelling corn in pretty good shape from pens on the outside.

Koltvet's experience may give farmers a hint to help in selection of the driest corn for keeping until next summer. The outside corn was drier than the corn shelled from the crib on the same farm.

"This corn was cribbed last," Koltvet explained. "The wetter corn in the crib was husked early, before it had a chance to dry out in the field."

L. Stavnheim, Wright county farmer, who was helping with the shelling job, gave another tip on selecting dry corn.

"Usually, the driest corn will be that grown on good land," he said. He agreed that corn will be scarce next summer for feeding.

At Goldfield, in Wright county, the Farmers Cooperative Elevator reported average moisture content of corn coming in at 22 to 29 per cent. The Holmes elevator, in the same county, reported moisture content at 22 to 32 per cent.

A moisture content of 20½ per cent is the highest at which corn loans are made. (Continued on page 27)

FEBRUARY 16, 1946

IOWA'S LEADING FARM NEWSPAPER

WHERE ARE YOU IN THIS PICTURE?

THERE are the facts about traction — from *impartial* farm experts. They confirm what experienced dirt farmers know from long usage — that Goodyear Sure-Grips with *open center* tread give *greater* traction — pull heavier loads that cause other tires to slip — *do up to 22% more work in the same time.*

And here are the reasons why Sure-Grips give you this *extra* traction — plus savings in time and fuel:

1. Goodyear's *open center* tread design gives each lug an entering edge to start the bite — allows whole of each lug to dig in deeper, get firmer hold in soil and pull surer, steadier, better.

2. No dead-end pockets to trap mud; Sure-Grips are *truly* self-cleaning, don't gum up, don't cause time- and fuel-wasting slippage in soft, heavy going.

3. Longer wear: with lugs open at center, Sure-Grips bite deeper, slip less and so wear *slower.*

Why not get ahead in your work with the tractor tire that does up to 22% *more* work, proved by impartial tests? Get Goodyear *open center* Sure-Grips for greater get-ahead traction.

Sure-Grip—T. M. The Goodyear Tire & Rubber Company

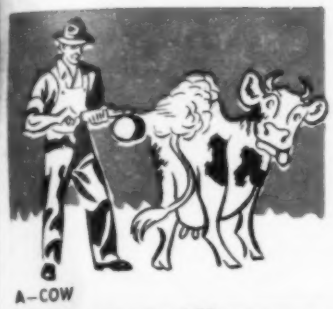
GOODYEAR
Sure-Grip Tractor Tires

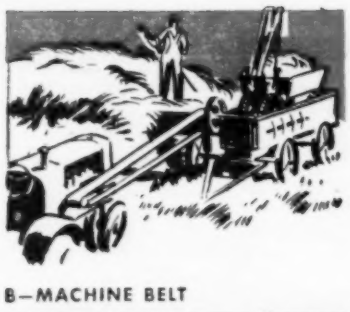
WALLACES' FARMER AND IOWA HOMESTEAD, February 16, 1946 (Volume 71, No. 4). Published first and third Saturdays of each month, by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, two years for One Dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1946, by the James M. Pierce Corporation.

"Memory-joggin' quiz

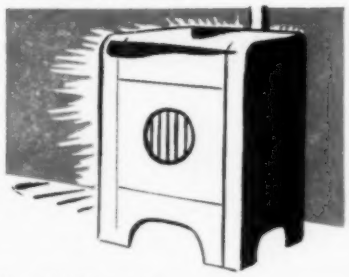
and it'll help guide your pre-season shopping plans, too.

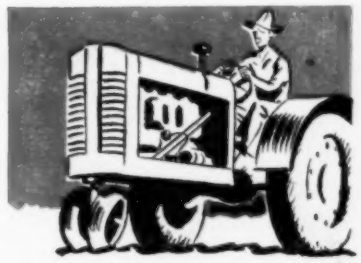
Here's what you do. All of the pictures below are clues to products that are farm necessities, petroleum products that add to your comfort, convenience and profit. If you like "thought-twisters," see how many petroleum products you can think of when you see the pictures. At any rate, the Answer Column will prove a handy shopping guide. Look it over and make up a shopping list of the things you need. You'll find them on your Standard Oil Man's truck next time he calls.


A—COW


B—MACHINE BELT

C—GREASE GUN

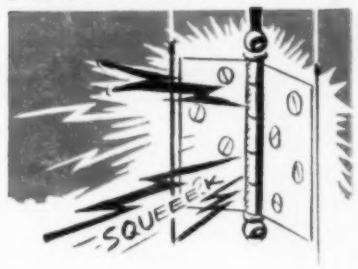

D—SPACE HEATER


E—2-FUEL TRACTOR

F—LAMP

G—HOG AND GREASER

H—CREAM SEPARATOR

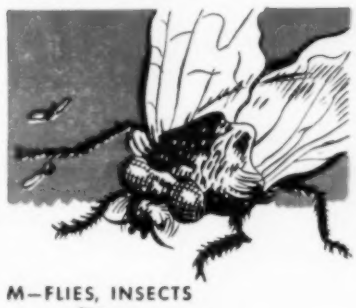


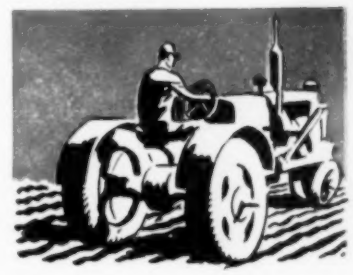
I—DOOR HINGE

J—FURNITURE

K-TRUCK

L—WOOD FLOORS


M—FLIES, INSECTS

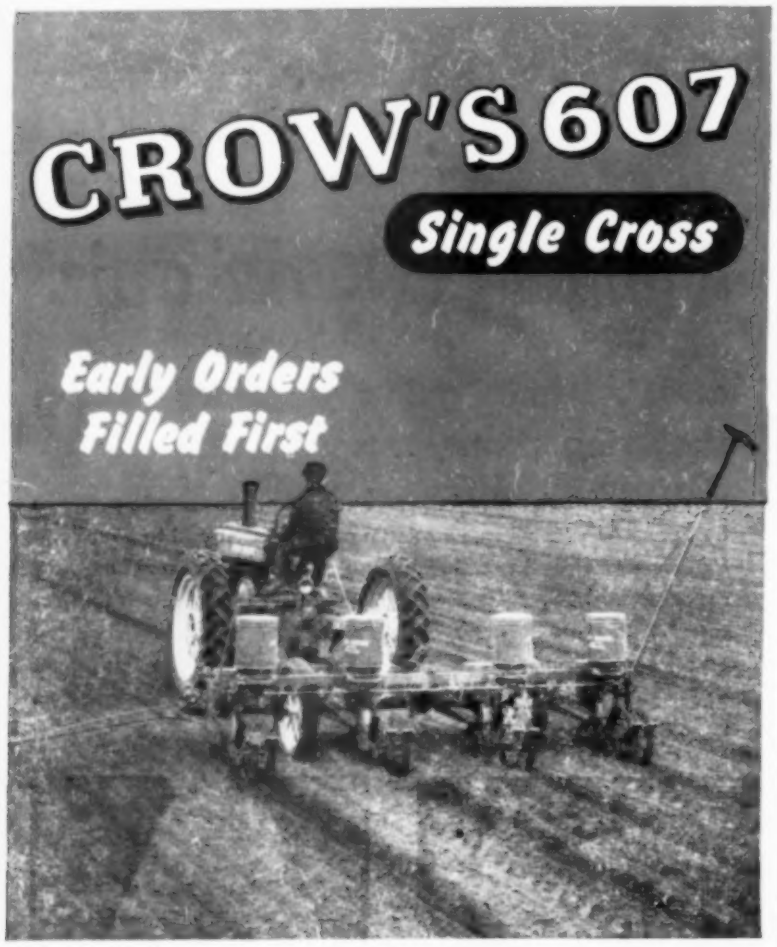

N—GASOLINE TRACTOR

In more ways than you may imagine, many of the products of Standard Oil add to the convenience of your daily farm routine, save you time and money, too. The Standard Oil Man in your community is ready, willing and able to serve you. Call him—or drop him a card.

...ANSWER COLUMN...

A. Cow—Bovinol Stock Spray
B. Machine Belt—Eureka Belt Dressing
C. Grease Gun—Standard Oil Greases (every type and grade)
D. Space Heater—Standard Heater Oil
E. 2-Fuel Tractor—Red Crown and Blue Crown—Standard's great gasolines—and Standard Power Fuel
F. Lamp—Perfection Kerosene
G. Hogs—Mica Axle Grease
H. Cream Separator—Superla Cream Separator Oil
I. Door Hinge—Finol
J. Furniture—Semdac Liquid Gloss
K. Truck—Standard Oil's 3 fine motor oils: Iso-Vis, Polarine and Stanolind
L. Wood Floors—Semdac Flor-Glaze
M. Flies, Insects—Superla Insect Spray
N. Gasoline Tractor—Standard White Crown, Red Crown and Blue Crown Gasoline

STANDARD SERVICE **STANDARD OIL COMPANY**



PLACE SEED ORDER *NOW!*
HARVEST *Extra Profits* IN 1947

CROW'S 607 Single Cross produces corn that farmers like to grow. Being a single cross, it is a tough Hybrid—roots deep, grows sturdy, stands straight, and has a dark green foliage which remains green while corn ripens. Even after kernels are dented and apparently mature, they gain extra weight and quality from stalks that are still green and alive—building excellent feeding corn.

Seed for CROW'S 607 Single Cross is sold out early each year. Reserve your 1947 requirements NOW. You save money and get a priority that assures having your order filled with the seed you want.

Send for CROW'S FREE CATALOG describing 607 Single Cross and other CROW'S hybrids. Mail postal or coupon.

CROW'S Hybrid Corn Co., Milford, Ill.
World's Largest Producers of Single Cross Seed Corn

Mail Postal or Coupon for Early Order Offer

CROW'S Hybrid Corn Co., Dept. W.F., Milford, Ill.
Send FREE Catalog, CROW'S HYBRIDS.

Name .....

Address .....

I Plan to Plant ..... Acres in 1947.
☐ Check here if you would like to sell our seed corn in your community.

Workday Pointers

Helpful Suggestions for Farmers

MOVING CORN that was wet when cribbed speeds the drying process.

▲▲▲

BRED SOWS have often been sold without dock up to a month of farrowing time.

▲▲▲

ORDERLY farm-yards are safer for men at night, but more dangerous for rats.

▲▲▲

CORN COBS placed in mudholes around feed bunks will give the cattle solid footing while they eat.

▲▲▲

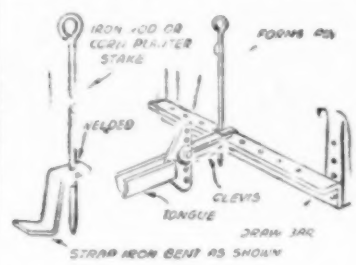
WOOD BEARINGS in farm implements should be examined each spring and replaced if necessary.

▲▲▲

RUBBER RINGS and gaskets are damaged very quickly when motors are run without water in the cooling system. The result is that water leaks into the cylinders and crankcase.

▲▲▲

TRACTOR HITCHES without leaving the seat of the tractor can be made with a simple device described by Milton Smith, Woodbury county, Iowa. Weld a strap-iron hook on an old corn planter



stake, as shown in the illustration. Then use the hook to lift the implement tongue while the tractor is backed into position. The stake is the pin. Unhitching from the seat is simpler yet. Pull the pin and take it with the tractor for the next hitch.

▲▲▲

THE LAST HALF of the ration puts on the gains or produces the milk or eggs. The first half is required for heat and energy to keep the animals alive. Short feeding is poor economy.

▲▲▲

WASTE OF FEED often occurs with self-feeders. A feed trough may fill too high, and the feed is thrown out; the feed may not be protected from rain and snow; the feeder may be sitting in the mud; or, in the case of hogs, the feeder may be built so the hogs can get their feet in it.

▲▲▲

FERTILIZER CONTENT is indicated by numbers. The first is always the percentage of nitrogen, the second phosphorus and the third potassium. Thus, 2-12-12 is 2 per cent nitrogen, 12 per cent phosphorus and 12 per cent potassium. Percentage is based on total weight, so 100 pounds of 4-24-24, if such a fertilizer were made, would be worth as much as 200 pounds of 2-12-12. Higher percentage fertilizers require less storage space, and some farmers think they are more economical.

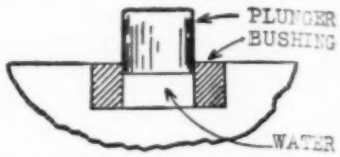
FEED HAY to milk cows three times a day. They'll eat more hay, and there will be less waste.

▲▲▲

GROUND CORN or shelled corn will spoil rapidly when warm days come. Don't accumulate too big a supply.

▲▲▲

BUSHINGS can often be removed from a blind hole with the method shown in the illustration. Make a plunger that will fit tightly inside the bushing. Then put some



water or oil in the opening and drive the plunger in with a hammer. The liquid will force the bushing out of the hole in accordance with the principles of hydraulics.

▲▲▲

FARM RECORDS will answer the question that comes up so often at the end of the season: "Where did the money go?"

▲▲▲

TREAT CATTLE for grubs whenever the bumps show up on their backs. Repeat the treatment in 30 days. Rotenone dust is recommended.

▲▲▲

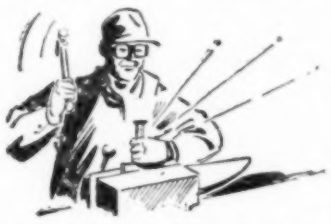
DAIRY COWS will do well if half the hay ration is replaced by silage. Three pounds of silage should be used to replace one pound of hay.

▲▲▲

GAINS ON CATTLE and hogs will be cut heavily if feed-yards are knee-deep in mud. Having two yards and using one for a few days, then changing to the other, is one way to make the mud less costly. Hauling in straw or moldy hay and dumping it in a pile will help. Cement feed-yards are the permanent remedy for mud yards in the spring season.

▲▲▲

PROTECT your eyes from flying pieces of steel when working in the shop. The first precaution is

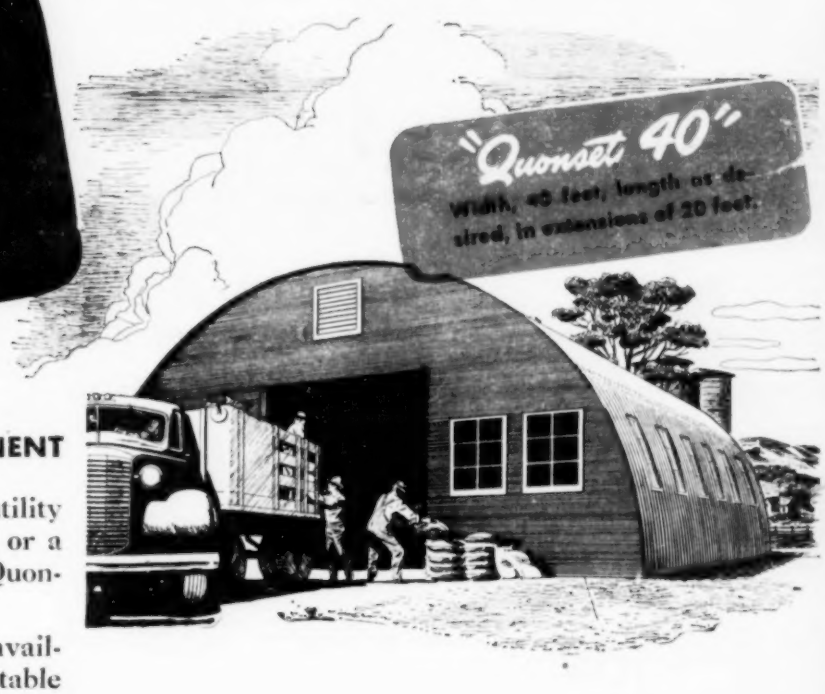


to keep a firm hold on chisels and punches, and keep your eyes out of the path bits of steel are likely to follow. Wear goggles for still greater protection.

▲▲▲

TOO MANY bred sows? Then keep the sows with clean head and jowls, bright eyes, and the disposition of a pet. Look at the udder, too. Early development indicates a good milker; gaunt flanks indicate the sow may not be pregnant or may be a poor milker. If you have litter records and ear-marks, select the sows from good mothers and big litters.

THERE'S A STRAN-STEEL "Quonset" TO MEET YOUR NEEDS



LOW-COST • FIRE-SAFE • PERMANENT

Whether you need a barn, a storage or utility building, an implement or vehicle garage or a weather shelter, there's a Stran-Steel "Quonset" to meet your needs at low cost.

Structures of three different sizes are available, in any length desired; each is adaptable to almost any farming need. Stran-Steel framing makes possible quick and easy erection. A patented nailing groove in studs and joists permits steel covering to be nailed on by ordinary hammer-and-nail methods. The all-steel construction is fire-safe, termite-proof, free from sagging, warping or rotting, and provides greater protection against wind and weather.

For further information, see your local Stran-Steel "Quonset" dealer, or write us direct.

GREAT LAKES STEEL

Corporation

UNIT OF NATIONAL STEEL CORPORATION STRAN-STEEL DIVISION • PENOBSCOT BUILDING • DETROIT 26

YOU NAIL TO STRAN STEEL

Editorials

You'll Have To Play Safe With Feed

THE program of President Truman, to ship more food to the hungry folks of Europe, means that the feed situation on the farms of America will tighten.

Last year, we fed a lot of wheat to livestock. This year, we'll have no wheat to feed and fewer wheat by-products than usual.

The soft corn problem still makes things hard for many farmers. So does last year's cut in cottonseed production.

Farmers will need to do an unusually good job of culling. Get rid of all unproductive stock. Don't feed hogs and cattle to excessive weights.

Balance the rations. Home-grown feed can be wasted if it isn't properly balanced with proteins, vitamins and minerals.

More Food-Buyers Help Farm, Too

ONE farmer tells us that he thinks the farm labor shortage will last for another two years—until a new crop of help has grown up enough to handle the farm work.

He thinks the boys from the army and navy will try for city jobs. The ones who don't go to town will want to go back to the farm as owners or renters, not as hired men.

If a fair share of ex-farm boys get good jobs in town, and buy plenty of food, few farmers will object. Cheap and plentiful farm labor always means low prices for corn and hogs.

Scarce and expensive farm labor always means there are plenty of folks with good town jobs who are buying freely and keeping up prices of hogs and butter.

Just the same, it would be fine to get a few more first-rate hired men out in the country right now.

And So We All Starved To Death

HAVE you ever heard of Thomas A. Jenkins, of Ohio? Neither had we until recently. But his name ought to be famous. He is the man who discovered, in late 1945, that the United States had suffered from an "enforced scarcity of food" during World War II.

Mr. Jenkins reports that his committee found that "the scarcity of food put our country in a dangerous situation. . . . Enforced scarcity slowed down the producer. . . . The black markets were the direct result of this doctrine of enforced scarcity."

And here farmers were thinking they had done a good job in war-time!

Secretary of Agriculture Anderson reported recently that "in spite of the difficulties, war-time farm output was stepped up by one-third. American farmers were able to send one-fourth of their total production to war, and at the same time feed our civilian population better on the average than in peace-time."

The official records on civilian consumption show that in every year, per capita meat consumption was higher than in the pre-war period. In 1935-39, for instance, average civilian meat consumption was 125.6 pounds per year. In 1944, this figure was 149.6 pounds.

Civilians ate 37.3 dozen eggs per year in 1935-39, and 43.9 dozen in 1944. Milk consumption increased, altho cheese and butter consumption fell off.

Farmers can look proudly back over a record of production which showed not only the greatest production in history, but also the greatest speeding up of production ever known.

We suggest that Congressman Jenkins study the crop and livestock reports before he makes any more speeches.

He might, for instance, note that the average pig crop in 1937-41 was 77 million head. In the era of "enforced scarcity" in 1943, the total was 121 million head.

If that is scarcity, we'll eat Congressman Jenkins' hat. Without mustard.

WHO PAYS?

Many consumers haven't yet learned the hard facts about food subsidies.

One city man complained the other day because farmers were getting a dairy feed subsidy.

"Take that subsidy away and let us have cheaper butter," he said.

With the present demand for butter, every cent taken off the feed subsidy must be added to the price the consumer pays.

If the 17-cent butterfat subsidy were stopped at once, and ceilings permitted to rise, the consumer would pay 17 cents more per pound at once.

So far as farm prices are concerned, it would be better for farmers if these special food subsidies came off June 30. The only reason for continuing these subsidies after that date is to prevent another push toward inflation.

But the yell from consumers when they finally learn who is getting food subsidies will be something to hear!

Our Food Can Win The Peace

EVERY one returning from Europe, who has been an eye-witness to conditions there, tells of the food and fuel shortages in almost every country.

Death rates among the old people and children are unusually high. Many more will die before the next harvest unless they get help.

President Truman's desire to ship more food to these peoples of Europe will get the hearty support of farmers, even tho there may be disagreement on some details of the plan.

Heavy shipments of dried eggs to Europe will help our poultry people. Shipments of other foods—in view of strong domestic demand—may make trouble for farmers in making adjustments to peace-time conditions.

Yet the food should be sent. Starving people can't rebuild Europe and establish a lasting peace.

Sending food now may save us from sending troops and guns abroad later.

How a 15% Boost Is a 13.5% Cut

SOME farmers have been saying: "Well, if labor gets a 15 per cent boost in wages, at least they will buy more butter and meat." Not always!

Actually, in many cases, total weekly pay for labor is less than before the increases in hourly rates. The reason is that overtime pay has been eliminated.

Suppose a worker, at a war-time 48-hour week, were paid $48. The cost to the employer would be $1 an hour.

But if the work week dropped to 40 hours, and overtime (at time and a half) were eliminated, the total pay to the worker would be $36.80, compared with the $48 war-time total.

Now, suppose the worker gets an increase of 15 per cent in the hourly wage. This will bring his 40-hour total pay to $42.32, which is still less than the $48 war-time pay for 48 hours.

This increase will also bring the cost of labor per hour to the employer up to $1.06, compared with $1 in war-time.

This 15 per cent increase per hour means a cut of 13.5 per cent to the worker in total weekly pay. It also means an increase of 6 per cent in labor cost per hour to the employer.

Some employers have pointed out that in a number of lines overtime pay will continue for a while. These workers will, of course, have an increase in total pay. Many, however, will be receiving less than in war-time.

So far as farm income is concerned, the main point to watch is total employment. Current wages, altho below war-time, will still buy a lot of food if everybody has a job. But unemployment of four or five million could cause real trouble to many farm prices.

You Must Cut Corn to Build Soil

"I'M not getting anywhere with building up the fertility of my land," a farmer writes. "When each field's turn comes for seeding to clover, it is just as poor as it was at the last seeding."

Too much grain, too little grass, is probably the reason. It isn't enough just to have land in a rotation.

A four-year rotation, with corn, corn, oats and clover, may keep the grain yields fair to good. But it doesn't make your land better each year. The grain crops use up the fertility from one year of legumes.

A three-year rotation—corn, oats, clover—should build some reserve fertility in the soil. At least, the corn and oat yields will be higher.

A different four-year rotation — corn, oats, clover, clover and timothy or brome—should make the soil better at the end of each rotation period.

With the first rotation above, one-half of the crop land is in corn each year. With the last rotation named above, one-fourth of the land is in corn.

Use of fertilizer and of green manure crops can speed up rebuilding of fertility. But under any system, you can't keep as many acres in corn as in war-time and still build up the soil.

Odds *and* Ends

EGG prices have been weak in spite of increased egg buying during the packing house strike. More trouble ahead.

A DROP of one-third in egg price from December to March was usual in the 1935-39 period. Eggs dropped that much this year from December to late January.

THE Chicago International Livestock Exposition will be back in its old-time glory in 1946, after a war-time lapse of four years. Mark down the date of November 30 to December 7, 1946.

WHEN national farm income rises 10 per cent, Iowa's income goes up 14.8 per cent. And when national income falls 10 per cent, Iowa's income is likely to go down 14.8 per cent.

THAT'S because farm income goes up and down more rapidly than business or labor income. So reports the Survey of Current Business.

TO MAKE the school lunch program permanent is the aim of the Flannagan bill, up in congress now. Farm organizations are backing it hard.

JIM PATTON, head of the National Farmers Union, says the risk of stopping dairy feed subsidies and boosting butter prices is that it would "create a paradise for oleomargarine producers and permanently alienate thousands of butter consumers."

THIS is a fine time to get out of debt and to buy U. S. Savings Bonds. We've said that before, but it's still true.

IF OIL and protein meals are needed badly enough, soybean guarantee may rise from present talking-point, $1.80, to old price of $2.04. Few farmers believe $1.80 will get the acreage desired.

"A 15 per cent raise in hourly pay won't cost, on the average, much more than 5 to 6 per cent. If labor makes up 60 per cent of manufacturing costs, that means prices need only rise 3 to 4 per cent to compensate."—Business Week.

SEVERAL farm groups have recently demanded that subsidies end, and that tariffs on their products be raised. Yet what is a tariff but a subsidy from the nation's consumers to the benefited group?

FARMERS with wheat on hand are advised to sell. Europe needs the food. And wheat prices next fall may not be so good.

FAMILIES with incomes under $500 a year used 0.71 of a pound of food per person per week in 1944. In the $500 to $999 group, consumption was 0.76. From $1,000 to $1,499 it was 0.82 of a pound.

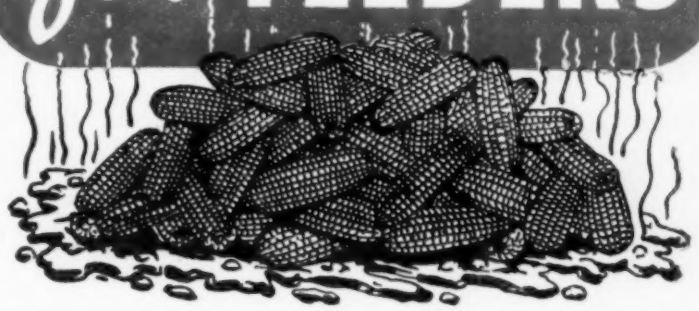
THE shift in food values was more marked. As families moved from the corn-pone level to the milk-meat-butter level, they spent more money and got better rations.

Song of the Lazy Farmer

IT'S HARD to drag my family from the Smith & Jones Emporium, where we go tradin' Saturdays to feast our bargain huntin' gaze and barter eggs for calico and glass quart fruit jars in a row, buy gadgets for our worn-out bus and items miscellaneous. I trade with Smith and Ma with Jones because they have their separate zones, and Smith he runs the hardware end and Jones the dry goods does attend, while all our kids with quips and smirks keep pesterin' Smith and Jones's clerks, to show them shoes and sweets and such, without the cash to pay for much. I often wish I had lots more of lucre when I hit that store, cause money talks and credit's dumb in Smith & Jones' Emporium.

I've bargained in their crowded aisles for countless useful mercantiles, and they've stood by me, thin or thick, and took my cash or give me tick, and helped me pick the best of brands ere they took money from my hands. A really good department store, like Smith & Jones' sign hangs before, is quite an asset to us guys'a-huntin' long for farm supplies, and tryin' hard to make our dough go further than it oughta go. So Wife and me their service seek when we go tradin' once a week, from nails and pails to grease-oil drum, I'll take S-J's Emporium!

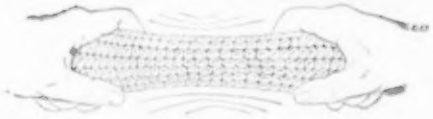
FEED *facts* for FEEDERS



An Open Letter On Today's Corn and Feed Situation...

Feed supplies this season are only slightly less per animal unit than a year ago. However, five factors have complicated the situation—Today's poor quality corn—The high numbers of livestock and poultry—The increased number of feeders—Lack of protein imports—And the shift in supplies available to this area. There will, however, be enough for everyone if all feeders face the problem intelligently and cooperate fully.

HERE IS WHAT YOU CAN DO TO HELP



1 STRETCH GRAIN SUPPLIES

Make every bushel of feed go as far as possible, so there will be enough to go around, and see you through. Remember, it takes 3 bu. of today's poor corn to equal 2 bu. of sound corn. So ALL grain must be conserved.

2 SUPPLEMENT GRAINS TO SAVE

Feed a good blended supplement with all grains. Proper supplements, to balance the ration, can make grains stretch nearly twice as far. Feed chopped legume hay, too, wherever possible—it's a real grain-saver.

3 CULL YOUR NON-PRODUCERS

Take an inventory of your stock and poultry NOW. Cull out non-producers which merely waste feed supplies. Save only as many as you are sure you can carry through.

A PLEDGE..

Due to the fact that *more* farmers are feeding supplements, and many are feeding *extra quantities* of supplements, the demand is now greater than ever (according to Iowa Dept. of Agriculture figures). In addition, the government has placed restrictions on the amount of supplements that can be manufactured. In the face of this situation, the Feed Industry is doing everything possible to meet the demand—to stretch supplies—distribute them fairly—and will continue to do so. Buy only for your immediate needs. Avoid waste and spoilage. Your local feed dealer will do his best to cooperate with you on current supplies.

FEED INSTITUTE OF IOWA
830 Liberty Bldg. DES MOINES

Windrowing of oats for combining, as illustrated at left, may not be necessary with the new Clinton oats. They are stiff-strawed and stand several days after ripening. More oats may be combined after 1947, when seed will be more plentiful.

Tell Origin of New Oats

Plant Breeders Say They Can Make Better Oats Than Clinton

CLINTON oats will soon be grown on most farms of the corn belt. The 20,000 to 25,000 bushels being distributed in Iowa by county committees this year is in great demand. The new oats is also being released in Illinois and Indiana.

Only six years ago, four new oat varieties were introduced—Boone, Tama, Marion and Control. These oats showed approximately a 20 per cent increase in yield over old varieties. Clinton, in 1945 tests, gave an additional 20 per cent increase.

Where do these new oat varieties come from?

They are the result of the work of Prof. L. C. Burnett and Dr. H. C. (Pat) Murphy, at the Iowa experiment station. Clinton oats is the latest product of this team.

"Is Clinton the ultimate? Will you just rest on your oars now?" This question was asked of these men as they sat in Murphy's tiny office in the old Botany building at Iowa State College.

"No," was the quick reply. "We would feel pretty sorry if we couldn't do better. We're just getting started."

There actually are higher yielding varieties now on test at the Iowa station, but they do not combine all the good characteristics.

Clinton is early (just one day later than Tama), medium tall, with yellow grain, thin hulls and plump kernels. Bushel weight averages two pounds heavier than the next best variety.

Farmers like its large, stiff straw. Clinton is resistant to 75 of the 82 known races of crown (leaf) rust. The other seven do not bother here except for Race No. 45, and so far it is not very prevalent.

Clinton combines the good qualities of three different parents. In 1918, crosses were made between Richland (Iowa 105) and Green Russian. One selection from these —D-69—was combined by Murphy in 1932 with "Bond" oats, introduced from Australia.

Clinton is the pick of many offspring resulting from this combination.

Doctor Murphy, who might be taken for a citified young business man, handles disease work on oats for the USDA. He has helped at the Iowa station since 1928.

Professor Burnett, who could more nearly pass for a farmer, came to Ames in 1905, at the age of 25, from Nebraska University.

This now graying, but large and husky gentleman might be called the daddy of all the improvement done on small grains at the Iowa station.

It was Burnett who made "pure line" selections from the superior varieties of the early day and gave us Iowa 103 and 105, Iowar, Iogold, Iogren, after first being proved in cooperative variety tests which he conducted over Iowa.

"Here in Iowa, we are subject to stem rust all the time and to crown rust about half the time," said Burnett. He had run several thousand crosses, but "never got very far until Pat came along."

Proud of Clinton oats, but he "would feel sorry if better oats couldn't be produced," says L. C. Burnett, plant breeder at Iowa State College. "We're just getting started."

In 1929, Pat started the original survey nursery here. He planted 4,000 or 5,000 different lines and "killed all he could" (with rust).

It was Murphy who discovered in this way that the Victoria oats (from Argentina in 1929) and Bond (from Australia in 1931) were resistant to practically all rusts and two kinds of smut.

The next problem was to cross them with our good-yielding varieties and make a selection combining the best qualities of both.

Each oat flower fertilizes itself before the outer glumes open, so once an artificial outcross (or hybrid) is produced, it breeds pure. When they find a superior plant, they multiply it rapidly.

The story of how 25 pounds of Clinton oats on hand in the spring of 1943 was increased to 1,207 bushels in just 12 months (by growing in Arizona, then in Idaho) is already well known.

As you can well imagine, this crossing of oats is a painstaking process. It is necessary to remove the stamens from one flower and introduce pollen from the other parent, using tiny forceps.

"We used to infect oat plants with rust by dusting it on," said Burnett, "but now we inoculate with a hypodermic needle."

Most of the improved varieties of oats now appearing in the United States and Canada which are resistant to rusts and smut inherit that resistance either from Victoria or Bond.

Victoria was discovered by Murphy in 1929, but not until 10 years later was the Boone oats (a cross between Victoria and Richland) ready to be released.

And 14 years have elapsed between the time Murphy discovered the disease resistance of Bond and the present release of its first proved cross, Clinton.

But they were well worth the effort. It has been calculated that, from the present improved varieties, which Iowa farmers used to the tune of 63 per cent of all their acreage in 1943, 90 per cent in 1944, and 98 per cent in 1945, the growers of the state have profited over $75,000,000.

And the best is yet to come!

Hats off to this oldster Burnett and the younger Murphy, who have conducted such an outstanding research program for this state, which has always ranked first in oat production.

What is the significance of their work? Like all research people, they feel that as long as they can increase the efficiency of production, theirs should be a desirable contribution.

Says Joe Judge, on whose farm, near Ames, the station grew part of its Clinton seed this year: "Clinton does not crinkle down; it stands many days longer than ordinary varieties."

So it will be easier to harvest a quality product. Just as stiff-stalked hybrid corn popularized the mechanical picker, so may Clinton oats cause general adoption of the combine.

Clinton oats, shown by Dr. H. C. (Pat) Murphy, who works with Burnett at the Iowa station, are a cross with "Bond" oats from Australia.

"The way it stands in the field makes you think of wheat," says Wayne Robinson, who used a pick-up combine on the 163 acres he grew on contract for the college.

Harvesting the crop from bean ground, fertilized with 2-12-12, he cut off 32 inches of straw, so as to have enough to hold the heavy heads on top of the stubble—and still had 16 inches of stubble left.

His entire crop averaged 100 bushels per acre. Even on a clay spot, he reported, the oats made plenty enough growth to cut. But they didn't smother the clover.

"I've got the best prospect for clover I ever had," Robinson said, "on the fields where the Clinton was grown. It grows tall enough to be cut above the grass—even sweet clover. And its dark green, broad leaves seem to grow low down on the stem, so the new seeding is not overly shaded."

As Robinson put it: "We used to think of oats as just a nuisance crop, because they so seldom paid out." But now oats are in the money again.

Farm Shop Has Handy Devices

THERE are more handy devices and labor savers in the Taylor Gipple farm shop, in Henry county, Iowa, than can usually be found on a dozen farms of the same size.

The shop has 110-volt electric equipment. A motor on a post drill is operated by foot pressure on an old car starter switch; a motor on the bench operates a grinder and also an air pressure pump with 30 feet of hose. There are several flood-lights above the bench and a floor lamp bulb in a mogul socket.

There is also a brazing and welding outfit, parts of which are homemade. A handy addition is a pipe vise, repaired and painted up like new, and a set of dies.

A portable saw which can be used as either a cross-cut or rip saw, was built on small trucks and is run with a half horse power motor. A sliding gauge was bolted to the saw table to adjust width of cut.

This eliminates need of marking the board to be ripped. A long extension cord makes it possible to move the rig around in the shop or take it outside.

The electric welder is used more often, probably, than any other piece of equipment in the shop. A neighbor broke the front end of his tractor cultivator, brought it to the shop, and was soon plowing corn again.

When the tractor comes in from the field after a day's work, it is driven into the shop and greased. It is also checked over, and if anything is wrong, everything is there to fix it. The air pump makes it easy to keep tires at the proper pressure.

In winter, the Gipple tractor can be overhauled in the heated shop. New bearings can be put in where worn. Corn pickers have been repaired, and also car fenders.

The shop was planned and built by Gipple and his son Bob, who later went to the army. The building is 20x38 feet, and is divided into two parts. On one side is the tractor and some machinery. This part is not floored or heated.

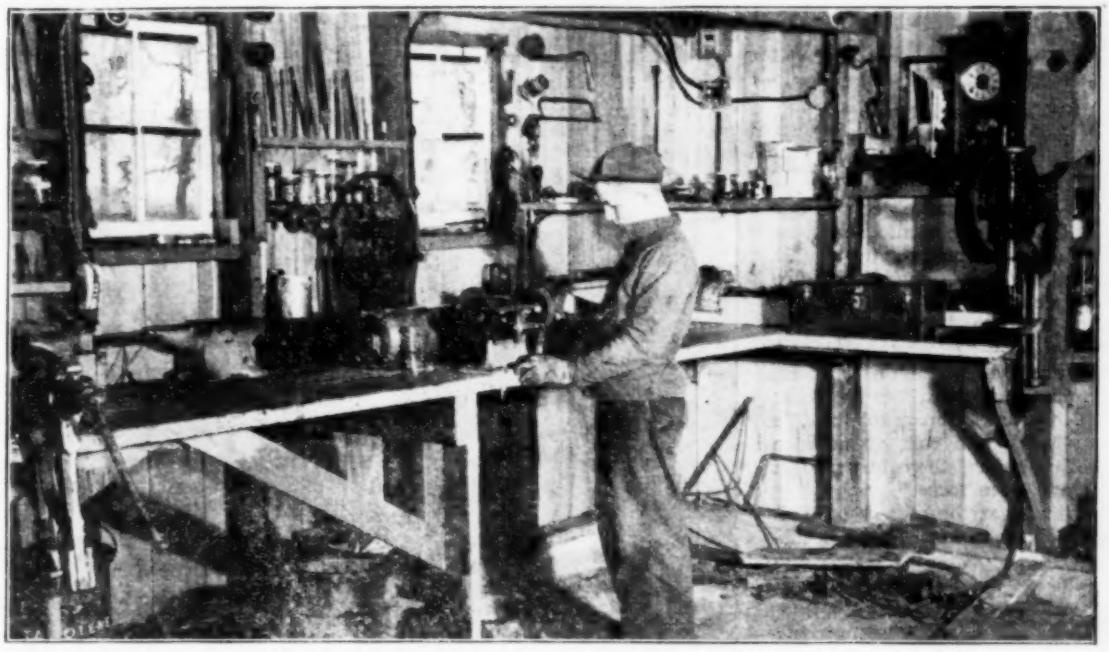
The shop is 18x20, with a cement floor. The work bench has four windows above it. The wall between the shop and the implement section is covered with paper, to keep the heat in from the stove.

The foundation of the shop is "floating" — built on top of the ground. It is six inches wide and eight inches high on the average. Every eight or ten feet, a posthole was dug to a depth of four feet. Long bolts extend from the bottom of each hole up thru the foundation and the sills.

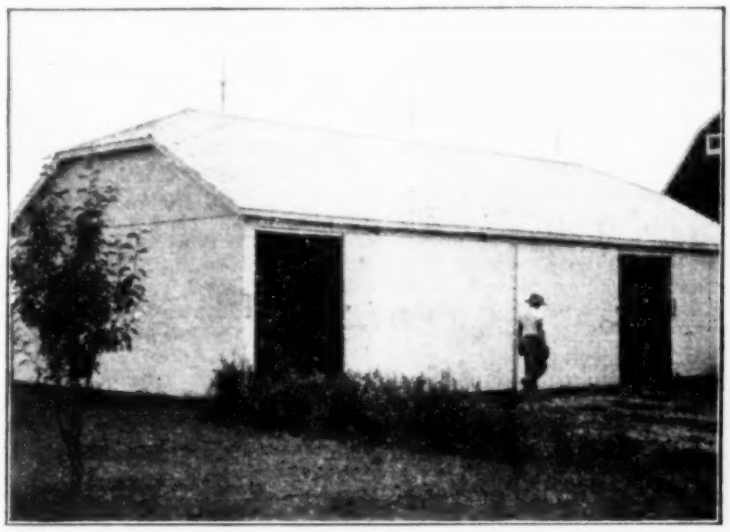
A good many trips to town are saved by keeping some repairs in the shop. A full set of bearings for the tractor and a set of cultivator shovels are two items for emergency use.

There is little time lost in case of a breakdown on the Gipple farm. And the neighbors, too, have found the shop has saved them many a delay and special trip to town.

John Richard, the Gipples' 15-year-old son, is as much at home in the shop, using the equipment, as is his father.

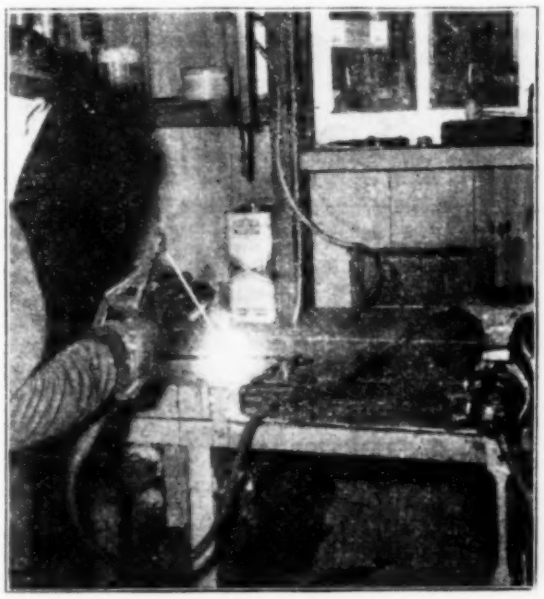


A Good Farm Shop plus the "know how" makes the upkeep of farm machinery much easier as well as much cheaper. The one shown above, on the Taylor Gipple farm, is heated, has electricity for motors and welders, and even a clock. John Richard, the 15-year-old son, is just as much at home in the shop as is his father.



The Shop Building has two compartments. On one side is the shop with cement floor, and a stove for heat. Tractor and other implements are stored on the other side of the shop, which has a dirt floor. The building is two years old.

Pipe Rack is on the partition, which is insulated with roofing paper to keep heat in workroom for winter.



Welder is probably most used part of the equipment. Various lengths of welding rods are kept under the bench. Gipple can weld any kind of farm machinery, but says he finds that car fenders are difficult.

Post Drill is also used a lot in the Gipple shop. It's electrically driven. Note that drill bits, oil cans and grease guns are all handy. It seems that a place has been provided for everything in this farm shop.

What Kind of Folks Do We Hate, and Why?

Iowa Farmers Discuss Racial and Religious Prejudice in Country

HOW much racial and religious prejudice is there on Iowa farms? How did it get there? And how much harm will it do?

One farm woman objects to our asking these questions. She says: "We are just stirring up trouble by talking about race prejudice and race riots."

But another — from the same county, too — declares:

"Terrible evils, such as Nazism, get firmly rooted because folks turn their backs on problems. We must think and talk about race troubles before they become an unmanageable force."

That's what the editors of Wallaces' Farmer and Iowa Homestead think, too. So the farm women who do the real work on surveys for us went out to interview hundreds of farm people on the following question. The percentage figures show how the question was answered.

"As you know, there are different religions and races in the United States which some people are prejudiced against —the Protestants, the Catholics, the Jews, etc. Against which of these groups, if any, do you think prejudice or feeling has increased the most?"

Answers were: Jews 35 per cent, Negroes 20, Catholics 5, Protestants 1, None 14, Don't Know 25 per cent.

As everybody knows, there are almost no Negro farmers in Iowa and very few Jewish families in the country. Even in Iowa country towns, Negroes are very few and Jewish families scarce indeed.

So prejudice in these fields is apparently not usually based on personal experience by farmers, but on hearsay and rumors.

With this much prejudice existing, is it likely to break out in overt acts? To find this out, Wallaces' Farmer and Iowa Homestead asked another question:

"Do you feel that race riots in the United States, the molesting of churches and synagogues, and attacks on members of different races are going to happen more often or less often in the next few years?"

More Trouble **"I am afraid we will have more race riots and things like that."—Polk County, Iowa.**

Less Trouble **"Race troubles are easing up. I look for less trouble in the future." —Poweshiek County, Iowa.**

Answers were: More Often 28 per cent, Less Often 16, About the Same 27, Don't Know 29 per cent.

A number of Iowa farm people apparently expect trouble. So do many other folks. National surveys show even more concern in other sections about post-war difficulties of this kind.

In Iowa, farm men report existence of more prejudice about Jews; women of more about Negroes. Of the men interviewed, 42 per cent thought prejudice toward Jews had increased, while only 28 per cent of the women agreed.

But, with Negroes, only 15 per cent of the men noted an increase in prejudice, as against 25 per cent of the women.

Younger farmers found less prejudice against Jews than did older ones. There was little difference on Negroes.

Which groups were most apprehensive about race riots and race troubles in the future?

Women and men gave about the same report. Older farmers were more apprehensive than younger ones. Farm Bureau members expected more trouble than did nonmembers.

Here are some of the comments made by farm people as they were interviewed:

"We don't know much about that in the country, but I notice city visitors complain about the Jews more than they used to."—Audubon County.

"I don't see why there should be such a feeling toward other racial groups. I've known those of other races who were American citizens that I would trust as far as I would a white man."—Black Hawk County.

"I believe all religious denominations are getting along better today than ever before. And I don't look for much race prejudice."—Linn County.

"There will be less race and religious hatred now, due to the young men being associated with each other."—Monroe County.

"One shouldn't have prejudices, but I do have."—Ida County.

"Greed for power and money influences race and religious prejudices. And there are always greedy folks."—Tama County.

"Negroes feel that their sons fought the war and sacrificed the same as white people, and thus are entitled to enter the same ritzy hotels in the city as white people." —Clinton County.

"As the boys relate their experiences with chaplains of different faiths, it will bring about more religious tolerance, I believe."—Johnson County.

"I believe all race and religious differences are leveling off into tolerance."—Story County.

What facts lie behind the prejudices that these farm people find existing among their neighbors?

The American Magazine recently published views of experts on Negro-white relations. These experts included educators, sociologists and anthropologists.

One question asked was this:

"Is there any truth to the view held by some people that Negroes have biological (inborn) limitations which prevent them from developing equally with whites?"

Of the 70 experts consulted, 69 said "No" and one wasn't sure.

Careful testing of Negroes and whites shows no difference that can not be explained by differences in education.

Since Negroes are not, in many sections, permitted to hold good jobs (regardless of merit), and since education for Negroes is less extensive than for whites, both low incomes and poor education combine to let many Negroes give a poorer showing of intelligence and ability than average whites.

In spite of all this, artists like Marian Anderson and Paul Robeson prove that genius does not respect color lines.

Lillian Smith, white novelist and sociologist, of Georgia, suggests that we should talk about the white problem instead of the Negro problem.

She asks: "Why doesn't a president or governor appoint a committee to study the white man and his deep need to feel superior to other humans and to have power over their lives?"

Racial prejudice is classed by most psychologists as a reflection of the insecurity and fear of the one who feels the prejudice.

A Negro-hater is often a mentally sick man, who feels the need of looking down on somebody because he is worried about his own position in society.

Prejudices against Jews, or any other group, often indicate personal weakness in those exhibiting the prejudices.

One comment that shows up frequently is this: "The Jews are running U. S. business and industry these days."

Fortune Magazine investigated this and found that in the center of the banking business, in New York City, only 30 of the 420 listed directors were Jews.

Hitler used to make speeches about Jews in international banking. Fortune, published by a non-Jew, found the leading international banker was J. P. Morgan, with 19.87 per cent of foreign loans. The biggest Jewish firm was Kuhn-Loeb, with only 2.88 per cent.

In industry, the big ones, like Ford, Rockefellers, du Ponts and Mellons, are all Gentiles. Of 80,000 directors of American corporations, only 4.8 per cent were Jews.

Maybe Less **"I'm hopeful we'll have fewer race riots now that the war is over."— Adair County, Iowa.**

Racial and religious prejudice always shows up more in hard times than in good.

Hitler picked the Jews as the scapegoat when Germany was in trouble. In some communities, anti-Negro riots have occurred in hard times.

If this cross-section of Iowans can see a lot of racial and religious prejudice now in good times, what is likely to happen when our incomes decline?

How can folks with prejudices be helped to become so strong and secure that they won't need to look down on other people?

Along with hog and corn prices, this may be a corn belt post-war problem, too.

LUXURY...OF HATE

The minds and hearts of men are not yet prepared for a world of law, justice and mercy.

We in the United States are not prepared. Too many men despise women. Too many women despise their servants.

Too many white men despise black men. Too many Christians despise Jews.

There must be a profound change in human attitudes if we are to succeed in establishing a just and durable peace. We can no longer afford the luxury of private indulgence in hatred, prejudice and contempt for other human beings.—Beardsley Ruml.

"Hope they grow faster than her last litter,"

SAID HENRY LENT

"They will if they eat right,"

SAID THE COUNTY AGENT

Henry Lent had always raised a few hogs so his family could have all the home-killed meat they needed.

But he didn't go into hog raising on a big scale until two years ago.

Last Spring the County Agricultural Agent dropped by Henry Lent's place when the sows were farrowing, and they talked hogs while they looked over the new litters.

Henry told the County Agent that he wasn't too pleased with the showing he'd made with hogs the year before.

"It took me a long time to get them heavy enough for market," Henry said. "And it wasn't because I didn't shove the feed into them, either. They just didn't fill out." And then he told the County Agent all about his feeding program the year before.

"That sounds about right to me," the County Agent said, "except I don't believe your hogs are getting the salt they need to really put on weight. They've got to have minerals as well as fats and proteins to get up and grow."

So the only change Henry Lent made in feeding his hogs last year was putting salt in the hog lot, so his shoats could get all they wanted.

And the few cents he invested in salt, at the County Agent's suggestion, paid off plenty! Last fall, when he sold his hogs, they averaged 76 pounds heavier per head than they had the year before.

"It's a good thing to have plenty of salt in the lot if you want your pigs to hurry to market," the County Agent said when Henry Lent dropped by to show him his hog check.

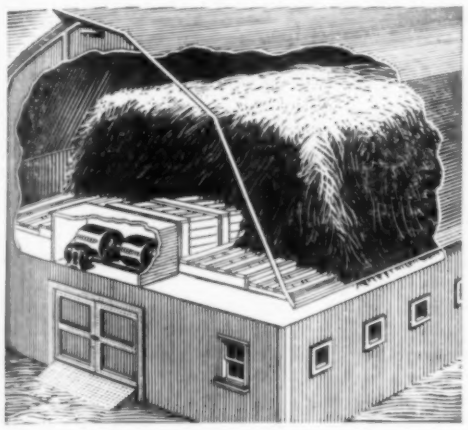
"And the County Agent's a handy man to have around when you want well-seasoned advice about farming," said Henry Lent.

All over the country, farmers are getting help from their County Agents that makes farming *better* and *easier*.

Another thing that good farmers are doing to farm better and easier is to make full use of electricity.

WORK WITH YOUR COUNTY AGENT

- Attend the meetings and demonstrations he holds in your neighborhood.
- Take advantage of the free literature that he has or can get for you on farm problems.
- Help save his time these busy days by talking with him by telephone, instead of asking him to make a special trip.



YOU'RE SURE TO GET BETTER HAY WHEN YOU CURE IT IN THE BARN

Farmers who have installed barn hay-curing systems report these advantages:

1. You can make good hay in almost any kind of weather. All you need is a little time between showers to cut hay and allow it to partly cure.
2. You get hay worth from five to ten dollars more a ton, whether you sell it or feed it. Barn-cured hay doesn't lose its leaves (and its feeding value), because it has a high moisture content when it's put into the barn. It has a better color, and is a more palatable feed.
3. With plenty of high-quality, barn-cured hay, you'll need to feed your stock less grain and costly concentrates.
4. There is less of a fire hazard in storing barn-cured hay. The hay is cooled, as it is cured, by the air circulating through it.

Now's the time to plan your barn hay-curing system, to have it ready for next haying season.

G-E's new FREE booklet on barn hay-curing will help you. It tells you about hay-curing systems and the equipment you'll need.

This booklet tells also about the new motor-and-control system that G-E has developed to help you barn-cure your hay with a minimum power cost. With this system, you can set the control to start and stop the hay-curing blower automatically, at any time of the day or night.

Send for this FREE booklet. There's absolutely no obligation. Fill out and mail this coupon today.

General Electric Company,
Apparatus Department, Sec. 669-24
Schenectady 5, N. Y.

Please send me your booklet on barn hay-curing:

Name.....

Address.....

City.....State.....

The Modern Farm is an Electric Farm!

Electricity on the farm can make life more pleasant and work easier. If you don't have electricity, get in touch with the electric service supplier in your area.

If you already have electricity, get your full value out of it by making it do more jobs for you.

To help build up modern farms electrically continues to be the full-time job of a staff of farm specialists in the G-E Farm Industry Division.

G-E STOCK TANK DE-ICER KEEPS HOLE IN ICE SO STOCK CAN DRINK

This winter many farmers have reported that their G-E stock tank de-icers are giving excellent results in maintaining a hole in the ice of outdoor tanks.

This new device, with its built-in, automatic control, provides access to drinking water for cattle, sheep, and hogs—no matter how cold it gets or how big your stock tank is. It floats freely in the tank, prevents ice from forming on the surface near the de-icer. Stock merely push it down to drink.

The G-E de-icer uses only enough electricity to keep a hole in the ice. It doesn't keep the whole surface clear. So it's inexpensive to use, even in the coldest weather. And you'll be sure that stock get plenty of water.

MORE POWER TO THE AMERICAN FARMER

GENERAL ELECTRIC

669-24-156-8109

New way to make more money from livestock and dairy herds

1/3 FASTER HAMMER MILL
cuts cost of making 4 bushels of feed equal 5 in feed value

Now you can make feed for 4 head of stock, feed 5 . . . and at a cost so low that your dairy and meat production earnings go 'way up. You can do it with a new Hammer Mill that not only grinds all grains, cob corn and roughage—but soft corn too, in a way to amaze you. No wonder the news of what this new Harvey Red Hed Hammer Mill will do is spreading like wildfire!

SUPER FLYWHEEL MOMENTUM
Speeds your grinding—Cuts your costs

Super Fly Wheel Momentum speeds the Red Hed's sturdy hammers 3 miles a minute delivering 80 to 280 feed smashing 12-ton blows a second instead of just 7 to 8 ton blows. And all this with a 4½ or 5" pulley at the mill! Yes, that Super Fly Wheel Momentum is so great that no matter how fast you feed this Red Hed, she'll run smoothly without a sign of a bobble.

ALL ALUMINUM COLLECTOR ASSEMBLY

The complete collector assembly of this great mill is made of heavy gauge aluminum same as used in the B-29 bombers. Only Harvey offers you this light strong rust-proof non-sparking collector assembly.

It's a real thrill to watch the Red Hed perform like the champion she is—strong as a bull, sleek as a greyhound. Fitted with big screen areas and sturdy hammers running on Timken bearings, she really does a job of smashing grain or roughage. And the payoff is the low cost that lets you keep more of your livestock checks.

SEE THE HARVEY DEALER • OR MAIL COUPON

NEW HARVEY
RED HED
CORN SHELLER
WITH
KERNOLIZER

Harvey
RACINE

MAKE YOUR SHELLER A RED HED!

The Harvey Red Hed Hammer Mill offers you a definite way to increase your farm earnings. Dealers everywhere are showing farmers like you how it will make them more money: (1) by cutting costs; (2) by eliminating waste; (3) by making grain, roughage and soft corn, too, produce more milk and more meat per bushel.

Learn too, about the Harvey Red Hed Corn Sheller with the patented KERNOLIZER that works three ways at once to speed shelling and cut costs. See your dealer today or mail the coupon for facts and figures.

MAIL THIS COUPON TODAY

HARVEY MFG. CO., Dept. 91, RACINE, WISCONSIN
Please send me full description of your Red Hed Hammer Mills showing how Fly Wheel Momentum, patented hammers and other mechanical improvements grind feed faster and increase earnings.

Name .....
Address .....
Town ..... *R.F.D.* ..... *State* .....
The name of my nearest dealer is .....
Address .....
I am farming ..... *acres.*
For Corn Sheller facts too check here ☐

Medium Type Hogs have more lean meat, less lard, finish at weights that meet demands of the market.

Hogs Can Have More Lean Meat Cuts

Hog Type Makes 6 or 8 Pounds Difference; Proper Finish Makes More Lean, Less Fat

To the Editor: Can a hog be nearly all lean meat? After this talk about hog types, here is what I want to know: How much can a new type of hog be expected to increase the lean meat and cut down the lard?—H. S., Plymouth County, Iowa.

You can change to the meaty type of hog and get about six or eight more pounds of lean meat cuts and that much less lard on a 225-pound hog. That is the estimate of W. A. Craft, head of the USDA Regional Swine Laboratory at Ames, Iowa.

Increases in percentage of ham, loin, side, shoulder and shoulder butt are wanted in the new type hog. In the past, the average percentage for these five cuts from 220 to 230-pound hogs slaughtered has been 43 to 44 per cent of the live weight.

"Selected samples of the intermediate type hog," says Craft, "have yielded 46 to 48 per cent of their live weight in these five cuts." A real good intermediate type hog has yielded 50 per cent in these desirable cuts.

The change from 43.5 per cent of these five cuts in the average hog on the market, to 47 per cent in the improved intermediate type hog would be a gain in meat at the expense of lard of about eight pounds on a 225-pound hog.

This might lead to another question: Is this possible shift in percentage of lard to lean meat enough to pay the farmer for giving hog types any attention?

No one knows just how stiff the competition will be for lard in a few years. But eight pounds of the lean cuts will be worth more than eight pounds of fat-back or belly. That's sure to make the medium type hog worth more. But type of hog affects percentages of lean meat and lard in still another way.

The degree of finish has a lot to do with the lean meat and lard percentage. The intermediate type hog finishes at a weight—220 to 240 pounds—which the market will tolerate without cutting the prices to the hog raiser. On this point, Craft says:

"Large type hogs must be fed to heavy weights (250 to 275) to get the firmness and quality desired in the principal cuts. Hogs of small type are excessively fat at medium weights (220 to 230).

"Meat specialists say," continues Craft, "that carcasses of intermediate type hogs slaughtered at about 225 pounds yield bacon sides with better balance of muscle streaks, hams and shoulders with more marbling, less bone and connective tissue, without excessive fat around the outside."

A hog can't be all lean meat, but intermediate type hogs will make a larger percentage of lean meat.

There are two ways in which this effect is realized:

1. By breeding and proper feeding, the hog carcass can be made to consist of six or eight pounds more of the meat cuts and a like reduction in the part that must be made into lard.

2. By selling when properly finished, hogs will have more lean meat and less lard. Intermediate type hogs finish at the weights the market most often demands. Therefore, the advantages of both weight and percentage of lean meat can be realized.

These two practices should be enough to pay hog raisers well for raising meaty hogs. But markets will have to begin to pay farmers for quality rather than buy hogs on averages.

In the past, packer and shipper buyers have bought high quality hogs and low quality hogs at just about the same price. The buyers were satisfied if their average price was not too high. It didn't matter to them that the good hogs brought too little and the poor hogs too much.

Paying for hogs on the cut-out basis, with some kind of official grading, might be the answer unless buyers actually begin to buy hogs with as much discrimination as they use in buying fat cattle.

Chore Time Children, on a Hamilton county, Iowa, farm go out to feed chickens, help milk, etc., at close of a winter's day.

INSIDE STUFF

GEORGE LEFFLER, of Van Buren county, Iowa, writes me that he just finished husking corn January 29. But he adds that his corn will keep.

▲ ▲

MANY CORN raisers will tell George that he's lucky. A lot of corn that was husked late is still pretty wet.

▲ ▲

THE FIRST TIME I ever saw Harry Hopkins — Roosevelt's man Friday—was in the fall of 1933. He was on a scouting trip for the president.

▲ ▲

ONE AFTERNOON, I got a call that Hopkins wanted to see me, that Henry Wallace had told him to look me up. When I came in the room, he said:

▲ ▲

"HOW WOULD you folks out here like it if farmers could get a loan of 45 cents per bushel on cribbed corn?" I told him.

▲ ▲

IN CASE SOME young folks don't remember, that was just a year after 10-cent corn in 1932, and the Iowa average was still around 30 cents.

▲ ▲

HOPKINS went on to ask about the effect of getting all the unemployed back to work on county and city projects. This was before CWA and WPA, of course.

▲ ▲

MOST OF US are pretty scornful about WPA's errors, about the leaf-raking that took place where the local officials couldn't think of sensible jobs.

▲ ▲

BUT WHEN I THINK of WPA, I think of those early days when I watched morale shoot up like a sky-rocket, as many of the unemployed got some work and got some pay.

▲ ▲

THE CORN LOAN idea came from Wallace and other farm leaders. Hopkins himself had a lot to do with WPA.

BUT IN BOTH cases, Hopkins investigated for Roosevelt on the needs and the prospects and reported back to the White House. Then Roosevelt acted.

▲ ▲

I'VE HEARD A LOT of criticism about Hopkins, but when his name is mentioned, I always think of watching that lean, sickly-looking fellow as he said: "How'd you like 45-cent corn?" He looked like an angel from heaven to me then.

▲ ▲

HOPKINS was Roosevelt's eyes, ears and legs on many assignments. And he had ideas of his own. President Truman would be lucky to find somebody half as good.

▲ ▲

IN CASE you get tired of coaxing hens to eat their laying mash, hear this sad story: At our place, we ran out of laying mash a week ago. Pullets were laying at a 70 per cent clip.

▲ ▲

NOW THEY'RE LAYING at a 30 per cent rate. Those pullets never seemed very crazy about their laying mash, but they certainly missed it when it wasn't there.

▲ ▲

YOUR HOME TOWN looks quite strange when you come over it at night in a plane. It doesn't seem possible that the little oblongs of light can be the streets around the courthouse.

▲ ▲

OVER DES MOINES, capitol hill flattens out, and the state house dome is just a flat circle of lights. Even the tall Equitable building is only a slightly higher bump in a jumble of child's building blocks.

▲ ▲

ONCE IN A WHILE you get a day with a damp, fresh breeze that feels like spring. Well, why not? In six weeks, some folks will be seeding oats.

DONALD R. MURPHY.

This new method of placing fertilizer operates on the same principle as placing a juicy steak before a hungry man — it tempts the appetite of your crops.

Record yields are being achieved by farmers who apply fertilizer *twice* or *more* during the season . . . deposited at proper depth to stimulate vigorous growth from seedling to mature plant.

Allis-Chalmers *Front-Mounted* Planters and Cultivators for the Model C Tractor use *one* interchangeable fertilizer attachment, quick-mounted on the *same* frame, controlled by the *same* finger-tip HYDRAULIC LIFT and DUAL DEPTH CONTROL. A new attachment, soon to be available, will also permit the *same* fertilizer hoppers to be mounted on an A-C moldboard plow.

Placing fertilizer in bands at predetermined depths opens a new chapter in plant, animal and human nutrition. We *are* what we *eat!* "Hidden hunger," resulting from impoverished soil, is meeting its master in modern tractor-mounted fertilizer equipment.

LOOK AHEAD with

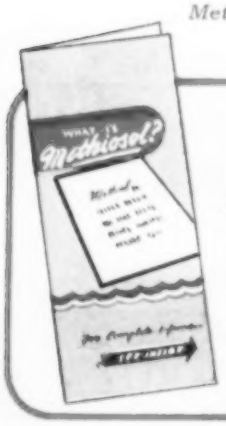
ALLIS-CHALMERS
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

FRONT-MOUNTED IMPLEMENTS

HEAR THE NATIONAL FARM AND HOME HOUR EVERY SATURDAY — NBC stations. Voted the Most Popular Farm Program on the Air.

KENT FEEDS with *Methiosol* GIVES POULTRY AND PIGS A 10% TO 25% INCREASE IN GROWTH AND DEVELOPMENT!

Yes, exhaustive feeding tests on chickens, pigs, and turkeys under laboratory supervision, have shown that *Kent Feeds* with *Methiosol* will give 10% to 25% increase in growth and development on the *same amount of feed in a shorter period of time*. Protein tissue cannot be properly built by the animal unless there is an adequate supply of each of the essential amino acids in the feeding ration. *Methionine*, an essential amino acid necessary for growth and development is often lacking. *Kent Feeds* with *Methiosol* now supplies the *Methionine activity* that meets this need and helps make possible extra profits from your feeding operations. Order *Kent Feeds* with *Methiosol* from your dealer today.



What Is *Methiosol*?

Methiosol is a practical source of *Methionine activity* provided through the blending of condensed fish solubles, fish meal and fish livers. It is also rich in B-G Complex vitamins. For complete information ask your dealer for a copy of Kent's "*What Is Methiosol?*" folder

KENT FEEDS
"THE FEEDS WITHOUT A FILLER"

MISSISSIPPI VALLEY GRAIN & FEED CO. MUSCATINE, IA.

Faster, Faster! More corn belt dairy herds are shortening milking time. How much does a hot udder massage help?

These Men Speed Up Milking

Hot Massage for Udder Makes Faster and Better Milking, According to Iowa Farmers

YOU'VE heard a lot lately about this "new" method of fast milking. Or have you? If not, a brief explanation is in order.

The method applies particularly when machines are used. First, the udder is massaged and cleaned with a cloth wrung out of chlorinated water, at a temperature of about 130 degrees.

One or two minutes later (not longer) the machine is applied. It is left on only about three minutes (some use an egg-timer of the hour-glass style to get it exact). Then the cow is stripped, if necessary.

Are our good Iowa dairymen following this method? How has it worked?

To find out, Wallaces' Farmer and Iowa Homestead inquired of a number of selected men in many localities thruout the state. These were dairymen of long experience, who were recognized in their communities as ones who could speak with authority in their line.

Of a large group questioned, 75 per cent used the hurry-up method, altho not all used the preliminary hot-water washing.

Harry Lage, of Scott county, reported he had practiced the method for years.

Matt Birker, of Benton county, replied that it takes longer than three minutes when you are milking by hand on a cow producing 30 or 40 pounds twice a day, but he milked as fast as he could.

If all had been machine users, the percentage approving would undoubtedly have been higher.

"It results in a saving of time, gets more milk, and is easier on the cows." That's how E. T. Smith, of Clayton county, sums it up.

It takes a little time for cows to adjust themselves to this faster method, and it takes practice on the part of the operator.

R. A. Nelson, of Buchanan county, reports that he does very little stripping now. Cows differ, but most, once they become used to it, will be stripped dry by the machine alone.

Pulling the teat cups down a bit shortly before removing the machine, aids in getting those last squirts.

Care must be taken to prevent the teat cups from climbing too high onto the udder as it shrinks during the milking process.

Irritation from teat cups working high when left on too long is a frequent cause of mastitis, so fast milking is actually easier on the cows.

"Fast milking makes for less udder trouble and longer life of the cows," asserts C. R. Schoff of Kossuth county.

The dairy cow, constantly under high pressure for production, too often goes bad at so early an age as to seriously reduce the profit from milking. Any practice per that will prolong her productivity

Score one for fast milking. It helps you by saving the cow.

Score two: It actually causes cows to produce more milk, according to the testimony of several dairymen.

Many a youngster has discovered, in his slow attempts when learning to milk, that a cow would not respond very generously. The faster milker got more milk.

Of course, there are bound to be some cows which refuse to be hurried, if they were never taught that way when young. But heifers are easily trained to give down their milk quickly and completely.

Count score three—the saving in time—and the case in favor of fast milking is cinched.

Ralph Mason, of Harding county, says his cows milk so fast that there is no time to massage. But first he wipes off the teats with a warm damp cloth, which may amount to the same thing.

E. M. Wright, of Black Hawk county, agrees "it takes a good man to handle two (single) units." But he massages first, and states it is very essential to have hot water available.

Here's where electric hot water

Massage Many dairymen have learned to milk faster.

heaters prove their convenience. They may be set at 130 degrees—then there is no guesswork.

If a milk room is adjacent to the barn, it is just that much handier.

Our specialists are not unanimous on this practice of washing. Some vote for a dry massage. "It is more sanitary," says Schoby. But, on the contrary, C. L. Knight, of Linn county, uses a damp hot cloth "for sanitary purposes."

"You can wash a cow clean or wash her dirty," as the saying goes. A mere wetting, leaving the teats dripping dirty water, is, of course, not so good as a thoro dry cleaning.

"I use a clipper on the udder and flanks, and so do not have too much trouble with dirt," states Arthur Gerlach, Mitchell county.

Matt Birker uses no hot water except when there is congestion in the udder. But, generally speaking, washing in 130-degree water is especially good for winter, provided the udder is wiped dry.

One word of caution: Do not let the cow go out of the barn, in cold weather, with her udder still wet.

Extra time spent in preparing the cow is more than gained back in the speedier milking which follows. The warmth and massage put the cow in a mood for milking.

But once a cow is ready, she must not be kept waiting. It is a mistake to wash the whole string of cows before you start milking.

As Will Yates, of Osceola county, points out, one or two minutes after such preparation, the milker must be on and going.

Hand milkers can make use of the washing and preliminary massage to advantage also. And what if they are on the cow more than three minutes — they won't need to be afraid of teat cup injuries.

One of our board, Clarence Moore, of Monroe county, summed up this matter of fast milking in two words: "It works!" And Arthur Gerlach advises: "It really speeds up milking—just try it!" With that, we dismiss the jury for this session.

In case you are interested in knowing who served on this jury, here's a list of others, besides the ones directly quoted, whose opinions entered in on the poll, together with their home counties:

George Jensen, Audubon; Fred Greene, Tama; F. L. Miller, Grundy; Marvin McLain, Poweshiek; E. A. Chester, Bremer; Abe Schlorholz, Carroll; Henry R. Leu, Lee; Elmer Schmitt, Dubuque; Roy Smith, Dickinson; Dallas Harrison, Franklin, and F. F. Hamlett, Buchanan.—W. S. C.

All-Purpose!

Now one Amazing New Oil protects Truck, Tractor, Car Engines!...

NEW Mobiloil

Makes Engines Cleaner . . Perform Better . . Last Longer!

Reduce engine-wrecking wear! New Mobiloil resists excessive thinning, provides full-bodied protection!

In your **Mobiloil Clean** engine—all working parts are free to function efficiently and reliably.

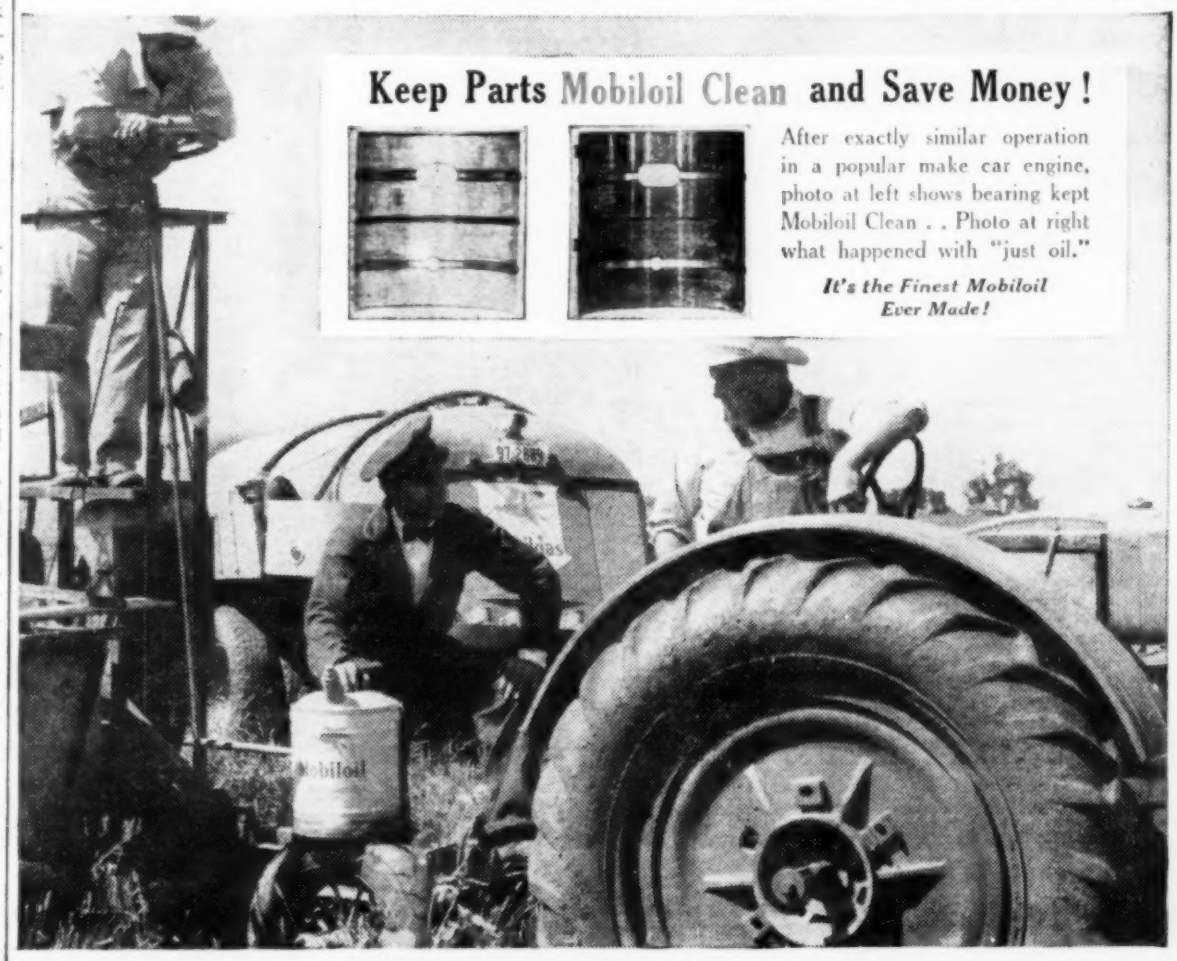
Free-flowing New Mobiloil starts to flow when the engine starts—starts *protecting* instantly.

Get more from fuel power! . . . New Mobiloil acts to keep rings free—conserves power . . . protects hard-alloy bearings against corrosion.

New Mobiloil is made from selected lubricating stocks—for easy starting at all temperatures, full protection at all speeds.

New Mobiloil resists formation of dangerous oil oxidation products—"varnish," "lacquer," "hot" sludge!

SOCONY-VACUUM OIL COMPANY, INC.—WHITE EAGLE DIVISION



HEAR THE "EXPERTS" • INFORMATION PLEASE • NBC • MONDAY EVENING, 8:30 CST

WE DON'T WASTE FEED
WE MAKE EVERY GRAIN COUNT
BECAUSE . . .

WE GET
Occo MINERAL COMPOUND

If your livestock and poultry are ravenous eaters but unproductive and slow to gain, the chances are they suffer from mineral starvation. They have probably been on a heavy winter diet for many weeks with no access to lush pastures and succulent summer rations. The result is a deficiency in minerals causing your livestock to waste much of the home-grown feeds they eat.

It is easy and economical to combat this mineral starvation with Occo Mineral Compound. Just add Occo to rations and note how it improves the condition, speeds up the gains and increases the productivity of your livestock. Occo helps to stimulate digestion and assimilation; it brings about a high conversion of the home-grown feeds your stock eats. Yet it is economical to use because such a small amount is needed.

Your nearby Occo Service Man will gladly give you the facts about this mineral balancer of home-grown feeds. Get in touch with him today. Or write us.

OELWEIN CHEMICAL COMPANY
OELWEIN, IOWA

"Let Farm Ceilings Rise, Too"

No Wage Raises or Consumer Subsidies While Food Increases Are Blocked, Say Farm Leaders

WASHINGTON, D. C.—Battle lines are being drawn up on the administration's stabilization policies as they affect agriculture.

As most farm organization leaders and spokesmen for the farm bloc in congress see it, the full burden of government efforts to prevent further inflation is falling upon agriculture.

They say the administration is sponsoring inflationary wage increases for labor and is granting price increases to industry. But a strict hold-the-line policy is being adhered to on farm products.

They point out that the government has lowered price supports on most agricultural products at the same time it is pressing congress to raise labor's "price support"—legislation which would increase the minimum wage standard from 45 cents to 65 cents per hour.

But this is not all, say the farm spokesmen. The administration, they say, insists upon continuing food subsidies past their June 30 expiration date.

It is frequently said here that OPA Administrator Bowles has been eminently successful on but one front in his job of holding the price line. That front, it is said, is the farm product and food front.

Farm leaders insist that they do not want higher prices. They explain that they recognize inflationary dangers. They pin their objections to the wage and industrial price policies. Now is not the time to raise wages or prices.

The attitude of most of the farm groups here is typified by a statement issued by the executive committee of the National Grange:

"Farmers, who suffered most from price gyrations after World War I, fear inflation. They're not, however, willing to become 'goats' of a policy that allows their costs to rise while market prices of their produce are held below production costs.

"We can not support an extension of the price control act so long as that condition exists. Some OPA ceiling policies are retarding production and inviting inflation.

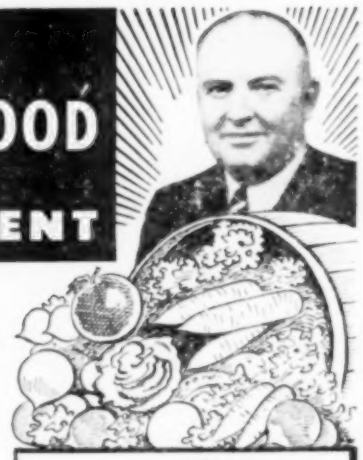
"If the administration is permitted to pursue its announced policy of retaining subsidies and ceilings until farm prices fall below the ceiling level—and admittedly below production costs — we shall soon be faced with the choice of wrecking farm prices or indefinitely continuing subsidies."

President Truman and administration leaders are urgently pressing congress to act soon on continuation of price control and subsidies. But congress, on the other hand, has indicated that it wants to wait and see the full development of the administration's labor and industrial price policies.

The consumer subsidies never have been popular among the lawmakers.

As a consequence, the whole question of continuing price control and subsidies beyond the date

Bushels of
DELICIOUS FOOD
FROM A
10¢ INVESTMENT



EARL MAY'S
"GET ACQUAINTED" OFFER

● Yes, I want you to get acquainted with the superior quality of my vegetable seeds. I feature the better, improved varieties so my customers get bigger yields of finer flavored vegetables. Earl May's Vegetable Seeds are Double-Tested for quality. Extensive tests right out in our test gardens and rigid tests in our laboratory assure you **high germinating seed, bigger yields, better flavored vegetables.**

● My "Get Acquainted Offer" is a sensational value. For only 10c you get one packet each of 5 of my best and most popular vegetables, each one an outstanding Variety. Here you are: **One seed packet each of Tendersweet Carrot, Rutger Tomato, Crimson Giant Radish, Prize Head Lettuce, and Red Heart Beet.** Fill out the coupon. Send 10c today.

5 BIG PACKETS ONLY... 10¢ POSTPAID

Catalog FREE

● A great big 72-page catalog and one of the most beautiful you've ever seen! Hundreds of pictures of flowers, fruits, and vegetables. Worlds of practical, helpful planting advice. It's free. Write for your copy today.

SEND COUPON

EARL MAY • Shenandoah, Iowa

____send FREE COPY of 1946 Nursery and Seed catalog.
____send 5 Pkts. EARL MAY vegetable seed offer for enclosed dime. 116

NAME _____
ADDRESS _____
TOWN _____ STATE _____

(Jerry Doyle, in Philadelphia Record)

SLOW AS COLD MOLASSES

HELP EGGS

Egg prices at some Iowa points dropped below the 27-cent support level in early February.

New contracts for drying and freezing eggs are now being made by the government.

These steps should take enough eggs off the market so that prices to farmers will rise above support levels again.

Egg production is still high in spite of bad weather. Consumers ate more eggs than usual during the packing house strike, but not enough to keep even with the supply.

an expiration date may not be settled until the last minute.

Veteran observers think that if extensive wage and industrial price increases are granted, congress will eliminate subsidies and extend price control with a direction that farm price ceilings be increased to the extent of the subsidies, so as to prevent farm income from being reduced by the amount of the subsidies.

The livestock feed supply situation is causing farm officials much worry. Secretary Anderson went on the radio to appeal to farmers to market their cattle and hogs "as rapidly as they are in condition for market up to the full capacity of the yards and plants to handle them."

Animals held on the farm or in the feed-lot are robbing us, he declared, of feed that we are going to need "most desperately during the coming months."

Anderson stated: "Our feed supply is short, but we can get by if—and I repeat if—all farmers and feeders do the things that are necessary.

"From the viewpoint of the national welfare, we must keep up milk production: and if we are to have enough feed for dairy cows, we'll just have to feed less grain to hogs and beef cattle.

"We'll need to cull our poultry flocks, and we'll need to raise fewer chickens and turkeys."

Anderson said one reason why feed supplies are running short is that many farmers have been feeding hogs to heavier weights than normal. It has been suggested that the government discourage feeding of hogs to heavy weights by reducing the ceiling prices on such hogs.

The secretary said the nation is not only limited in its feed supply, but that it is not well distributed. In many important livestock and poultry areas, there is not enough feed to care for the animals in those sections.

The secretary said one reason so many are holding cattle is that they expect a rise in ceiling prices when and if the government allows packers to raise ceilings on meat as part of the settlement of the meat strike.

He said he knew of no plan to raise cattle ceilings. He declared cattle sold now—up to the capacity of the market—will bring as good prices as they will later. He said that, in fact, if there should be a glut of cattle later as a result of holding back now, prices might be expected to be lower.

AGAIN CARGILL LEADS! Cargill Chick Starter has made news before—for its high quality—for its fine results. Now, it makes news because of its new and improved form. It's not a mash—not a pellet—but as nature intended—*it's "crumblized"*!*

THE SAME FAMOUS FORMULA

You get the same famous selection of ingredients—but in easy-to-eat, blended bits. Process helps assure more nearly balanced diet for all chicks by making each mouthful a virtual blend of all food values. Sized just right, chicks can eat more in less time. Full crops mean faster growth. No clogged beaks. Less food loss and waste. It's the ideal chick starter!

FEED CARGILL—THE CHICK STARTER that's CRUMBLIZED*

*TRADE MARK

THIS man has just bought a new John Deere Model "H" Tractor Spreader. He had wanted one for a long time, but he had to make his old one do.

It wasn't a matter of having to be sold on the John Deere. The Model "H" has been in the field on his neighbors' farms long enough so he could see the better work . . . the easier loading . . . the abundant strength for heavy-duty tractor operation. He knew that the Model "H" was one spreader that wet, slippery fields or feed lots wouldn't hinder. With the weight of the load balanced for best ground traction of tractor and spreader wheels, he knew that he could haul manure every day of the year—get the maximum return from every ton of manure spread on his fields.

The time is not far off when thousands of farmers who have been wanting a new John Deere Spreader will register the same pride of ownership that's on this man's face. Whether they get the Model "H" Tractor Spreader, or the light-running Model "HH" for operation with horses, they will be sure of more years of low-cost spreading service.

See your John Deere dealer for full information on the money-making line of John Deere Manure Handling Equipment. Write John Deere, Moline, Illinois for descriptive folders.

Cleaning up sheds and feed lots is a short, easy job when you have this modern John Deere Manure Loader on your farm.

JOHN DEERE MANURE HANDLING EQUIPMENT

EARN MORE MONEY!

Civilian needs require unlimited amount of feathers. Top ceiling prices. New goose $1.37½ lb. New duck $1.10 lb. Highest prices for goose and duck quills (wing and tail.) Send samples of used feathers for quotation. We pay all your shipping charges. Refunds for postage and express guaranteed.

SHIP TODAY—CASH TOMORROW

MIDWEST FEATHER CO.
2917 S. LaSalle Street Chicago 16

Dependable Hybrid Seed Corn

Iowa 939, 4316, 4297, 306; U. S. 13, U. S. 35, 608; Joslin's special 606A; white 33J, 44R. A good number for all corn growing sections. High yielding, good feeding corn top quality seed at reasonable prices. Tama seed oats, Lincoln soybeans. Dealers wanted. Write for catalog.

ALLEN JOSLIN SEED FARMS
HOLSTEIN, IOWA

SEEDS Alfalfa, Brome Grass, Sweet Clover, Red Clover and Pasture Grasses.
SUPERIOR SEED & SUPPLY CO., Norfolk, Neb.

WORMY PIGS? Dr. Hinrichs' Hog Powder. Fed in feed. 5 lbs. $3.00, postpaid. HINRICHS REMEDY CO., Walcott, Iowa.

Prices Could Drop One-Fourth

Steagall Supports of 90 Per Cent of Parity Won't Pay for Farm Land at Present Prices

ONE of the things that seems to be holding Iowa and corn belt prices at high war-time levels, and even boosting them a little each month, is the general feeling among many farmers that price supports on a 90 per cent of parity basis are going to insure high farm prices for at least three more years.

Some farmers seem to think that even tho land prices are high, a fellow can get a big chunk of the price paid off while price supports are in effect.

The trouble is that too many of us haven't stopped to figure out just what prices are going to be under a support program.

We put the question of price supports and land prices up to some of the farm economists at Iowa State College, and here's the way they look at it.

In the first place, they point out that all farm products aren't on the support list. Those that have a support guarantee include corn, wheat, flaxseed, soybeans, butterfat, milk, chickens, turkeys, hogs, potatoes and eggs.

During the period from 1939 to 1943, sales of those products in Iowa made up about 70 per cent of the farm income.

But there are some important items not supported, including cattle, sheep and lambs, oats and hay. Those items—cattle are the biggest—made up 30 per cent of the farm income during that same period. These unsupported commodities can fall to wherever they want to.

The next thing the Iowa State men want to stress is that 90 per cent of parity, which is the support price, does not mean 90 per cent of present prices. It means 90 per cent of the buying power of those commodities during the base years 1910-14.

And even that doesn't mean that every Iowa farmer is assured of that price under the support program. The Steagall amendment calls for the support of these agricultural prices at 90 per cent of parity on the national level.

Assuming prices can be supported, here's the way it would work out on certain commodities. Take eggs.

During November of 1945, the national average price for eggs was 47 cents per dozen. The support price—90 per cent of parity—would have been 42 cents per dozen.

But, while the national average was 47 cents, Iowa farmers were getting not quite 40 cents. And, if prices fall to the national level of 42 cents, Iowa farmers might be getting not even 35 cents.

Actually, the egg situation is even tougher than this. A support price of only 27 cents a dozen has been adopted for the next few months, in the corn belt, on the ground that this is equivalent to 90 per cent of parity for the flush season.

Prices of other Iowa products would act along the same lines. The table below shows a comparison between Iowa prices in November and the average national prices, both actual and at the support level.

When prices come down to support levels, Iowa prices of supported products will fall about 21 per cent, and prices of non-supported products can be expected to go down still more, perhaps at least 27 per cent.

All in all, the economists feel that an average price decline of 25 per cent is quite possible. And that kind of a price outlook isn't exactly in line with the kind of land prices that have been recorded lately.

In the face of lower prices, even with supports, farmers also face the real possibility of lower production, which, in turn, will put a big cut in income.

While the Steagall amendment provided for price supports, it left the field wide open when it came to how prices would be supported. Farmers may expect loans to be used as one method of holding up prices of non-perishable products such as corn and other seeds and grains.

It is possible, tho, that acreage limitations and marketing quotas to control production will be used if surpluses become a threat. Such controls would hurt income.

Even without official production restrictions, the economists point out that Old Man Weather

ACTUAL PRICES VERSUS SUPPORT PRICES

Figures show actual prices received by farmers and support price, based on 90 per cent of parity, for November 15, 1945.

	Wheat, bu.	Corn, bu.	Soys, bu.	Butter-fat, lb.	Poultry, lb.	Hogs, cwt.	Eggs, doz.
Average United States price received	$1.54	$1.11	$2.08	50c	24c	$14.22	47c
90 per cent of parity	$1.40	$1.01	$1.51	44c	18c	$11.43	42c
Per cent prices were above support level	10	10	38	16	33	24	12
Average price received by Iowa farmers	$1.56	$1.00	$2.10	52c	22.2c	$14.10	39.7c
Per cent of Iowa cash farm income, 1939-1943	0.4	12.1	2.7	6.8	3	35.5	5.8

Grass Seed for spring sowing is being examined by a farmer in an Ida county, Iowa, elevator. Labels should be read, but it pays to look inside the sack, too, before buying.

gov work against the farmer for the next few years.

Iowa corn yields since 1939 have been 141 per cent of those from 1922 to 1938, while oats, hay and wheat have averaged 116 to 118 per cent of pre-war average.

Part of the increase has resulted from improved varieties, but much can be traced to the unusually good crop years we've had.

If weather follows its normal course and moves in a cycle, we should be ready for a period when yields won't range so high.

It's difficult to be specific as to when a decline can be expected in farm prices, production and farm income. But there has not been a major war yet in which prices didn't go up, and then fall within a short time after the war was over.

There's little reason to believe that there will be an exception in this war. And it can be expected that land prices will fall off, too, when farm income declines.

But the farmer who has bought high-priced, war-time land won't feel the size of his mortgage decreasing.

Rich Land Increases Protein in Oats

Good land puts more protein in oats than poor land, according to experiments made at the Illinois College of Agriculture.

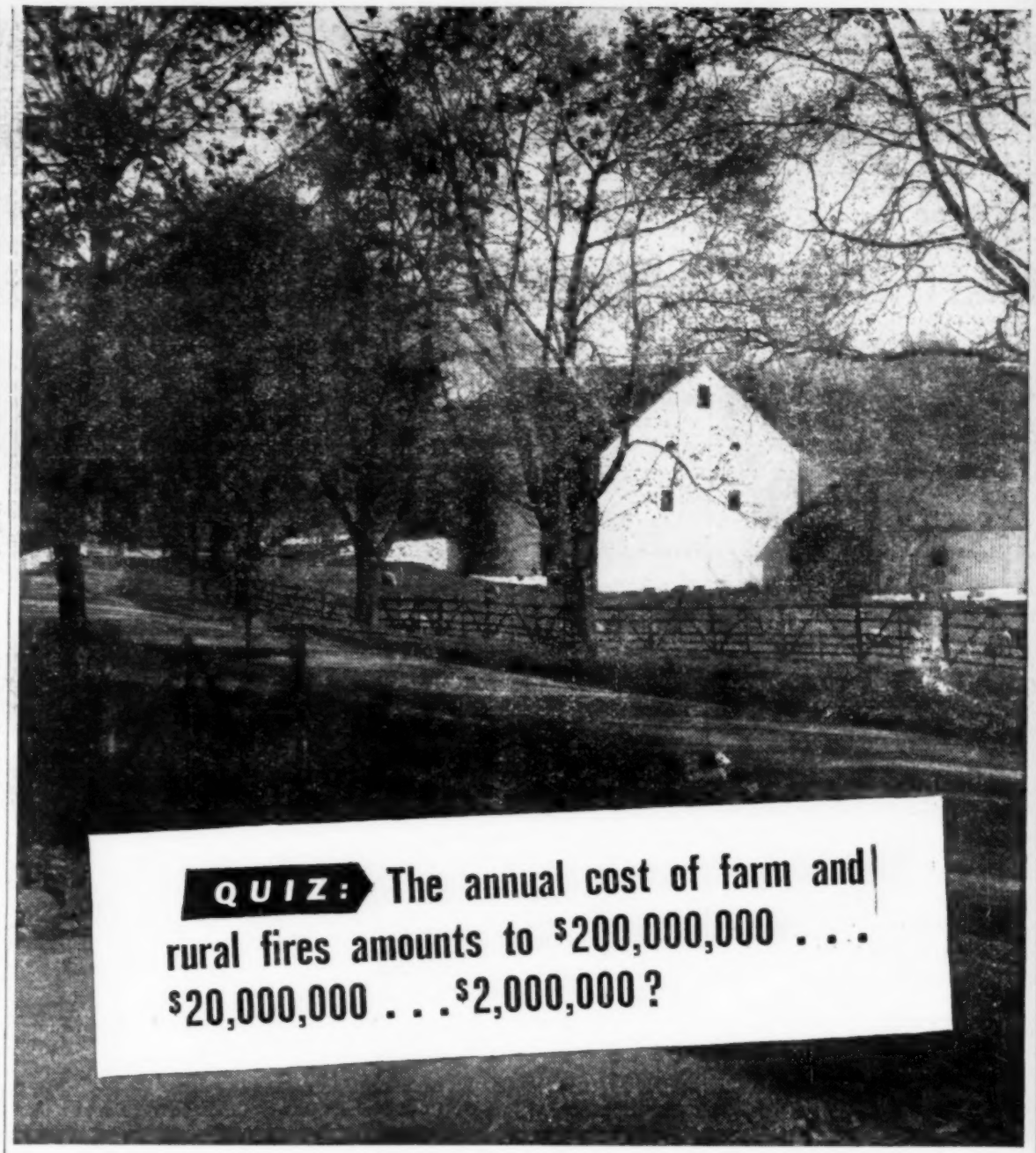
Oats from land that had manure, lime, phosphate and a rotation using red clover was compared with oats grown on untreated plots with no clover in the rotation.

One hundred bushels of oats grown on the treated land contained 470 pounds of protein, as compared with 387 pounds of protein in the same amount of oats from untreated land.

The gain in protein alone was 83 pounds in each 100 bushels of oats, which, at current prices for protein, would add more than 5 cents per bushel to the feeding value of the oats.

Oats from the treated land also had 14 pounds of mineral phosphorus per 100 bushels, as compared with 10 pounds on untreated land.

Because of the higher mineral content, the oat straw was considered to be of higher feeding value on the treated land than on the untreated plots.



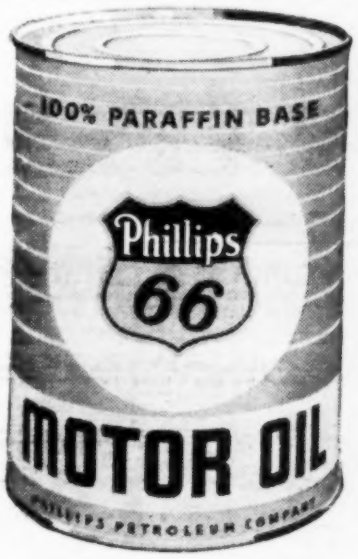
ANSWER: Two hundred million dollars a year! And many of these fires *could* have been prevented! For example, many fires . . . *and many deaths, too* . . . are caused by quickening fires with gasoline or kerosene. Why take such a terrible chance to save a few minutes' work?

And loss from friction, too, though not so spectacular as loss from fire, adds up to thousands of dollars in wear and tear on farm machinery. Better check with your Phillips Distributor to be sure your equipment is properly lubricated. For most farm lubricating jobs, for your car, truck or tractor, ask for Phillips 66 Motor Oil . . . a naturally good tough oil with staying qualities.

And for a quick-starting gasoline with high anti-knock properties we suggest Phillips 66 Gasoline. It's an exceptionally fine fuel. Makes an old engine purr like a kitten! Just drive in at the Orange and Black sign and try a tankful. The minute you step on the starter you'll see that Phillips 66 is a gasoline with plenty of gumption!

FREE. Send for your copy of PHILFARMER

This condensed farm magazine is packed with pictures, information, entertainment. There's something in it for every member of the farm family. To receive copies regularly, send your name today to: Philfarmer, Phillips Petroleum Co., Bartlesville, Okla.



For Cars, Trucks, Tractors

"FILL 'ER FULL O' PHILLIPS"

The New Dalglish all aluminum "Non-Sparking" GRAIN SCOOP

- So Light, Durable and Well Balanced it will Amaze You!
- It is not a Post War Experiment . . . the Dalglish GRAIN SCOOP has been designed and tested by engineers with the practical "Know How" necessary to produce better farm products.
- The New Dalglish Grain Scoop weighs only 2¾ pounds (usual steel scoop of comparable size 6½ pounds).
- Formed of high strength aluminum alloy—the Dalglish Grain Scoop is durable and unusually strong.

See the Dalglish Grain Scoop before buying and you'll be satisfied with no other.

If your local dealer cannot supply you write our Farm Products Division 2E for your nearest supplier.

Dalglish ENGINEERED PRODUCTS

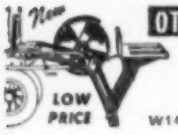
J. M. DALGLISH & CO.
41-71 W. FILLMORE AVENUE
SAINT PAUL 1, MINNESOTA

Prevent Freezing!
WARM WATER For Livestock With—
SIEBRING TANK HEATER

Warm water all winter for livestock brings better production, faster gains. New, low-cost, super-efficient Siebring Heater prevents freezing, keeps water warm, even in coldest weather. Economical! Trouble-free! Runs week at time without attention!

AT YOUR DEALER! If not, write for Free Literature

SIEBRING MANUFACTURING CO. 001 MAIN ST. GEORGE, IA.



OTTAWA Wood Saw FOR TRACTORS
Fast wood sawing, quickly pays for self. Easily moved while attached. Big blade. *Free details.*
OTTAWA MFG. CO.
W1428 Oak Ave., Ottawa, Kans.

Save Arguments on Farm Leases

New Iowa Stock-Share Farm Lease Defines Tenant's and Landlord's Obligations

"My tenant plans to move off my farm without doing an amount of fall plowing equal to that done at the time he moved onto the farm."

"My landlord claims that when I move next February, I won't have the right to remove a poultry house which I built on the farm, using materials I personally paid for."

THESE are two samples of arguments which arise between landlords and tenants, and might have been avoided with a comprehensive written lease.

The newest revision of the Iowa stock-share farm lease, prepared by the agricultural economics section of Iowa State College, does much to forestall such disputes or misunderstandings.

The revised form includes a clause providing that if the tenant, with the landlord's consent, makes improvements upon buildings, fences, water supply and drainage systems at his own expense, he shall receive reasonable compensation for the unexhausted value of such improvements at the termination of the lease.

Other paragraphs cover the question of sharing cost of semi-permanent improvements—such as application of limestone and fertilizers, and establishing pastures.

Landlord and tenant agree that the landlord will reimburse the tenant, at expiration of lease, for acres in grass and legumes in excess of amount at the beginning of the lease, at an agreed price, or that tenant will pay the landlord at same rate if acreage is less.

In the same manner, adjustment is agreed upon at a certain price per acre for fall-plowed land over or under the amount plowed at the beginning of the lease.

Other clauses make provision for compensation for improvements made by the tenant and removal of fixtures.

Often the landlord can not provide, or wants to be relieved of providing, improvements that are necessary if both parties are to receive a proper income.

At times, a tenant will claim further loss has been caused by delay in getting landlord's approval of urgently needed expenditures.

To take care of such contingencies is a clause providing that minor improvements may be made without consent of the landlord, if the tenant gives him written notice a certain number of days (30 is suggested) before beginning the improvement.

Such notice is to include information as to kind of improvement, location, date to be made, estimated cost and depreciation, in order to give landlord a chance to make the improvement himself.

If landlord chooses to let tenant make the improvement, then the tenant is to receive, on termination of lease, a reasonable compensation for its unexhausted value, not to exceed a certain monetary limit or percentage of rental paid during period of tenancy.

As a general rule, improvements totaling more than 20 per cent of rental for any period probably should require prior consent of landlord.

The growing importance of movable equipment and occasional disputes as to whether tenant has a right to remove such equipment as he may have constructed himself, make it necessary that an understanding be reached.

Accordingly, this model lease provides that tenant shall have right to remove buildings or fixtures which he has placed upon the farm at his own expense.

This may be done any time within 60 days after termination of lease, provided tenant leaves the ground from which such improvements are removed in as good condition as before.

When such an agreement is made in advance, the landlord knows how far he can afford to go in sharing or refusing to share the cost of movable equipment.

The tenant can also better decide whether his present and prospective future use of the equipment may justify investing his own money in it.

If the tenant is to receive compensation for improvements made and left on the farm, he should also be responsible for any damage to property, except for ordinary wear and depreciation.

Therefore, there is a clause providing that at end of tenancy, the landlord shall receive from the tenant reasonable compensation for damage to property for which tenant is clearly responsible, outside of ordinary wear, depreciation or forces beyond the tenant's control.

A copy of the Iowa stock-share farm lease may be secured from the county extension director in any Iowa county, or by writing to Extension Service, Iowa State College, Ames, Iowa.

Good Soils Hold the Most Water

A good corn belt soil can hold 540 tons of water per acre to a depth of one foot, according to R. S. Stauffer, of the Illinois College of Agriculture.

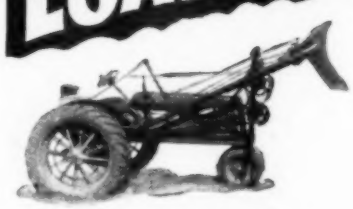
With this much water, the soil will not be water-logged, but will be about right to work.

A rain of 4.8 inches would be required to provide the 540 tons of water per acre.

Poorly managed soils, however, will hold much less water than 540 tons per acre to a depth of a foot. Heavily cropped soils that are low in organic matter will run together and have little room for water.

Soils in regular rotations, with crop residues plowed under regularly, are more like a sponge. They will take up water more rapidly and hold much more when thoroly soaked.

7 Plus Features for Faster, Easier LOADING



COATS' MECHANICAL MANURE LOADER

Investigate these EXTRA advantages for faster, easier manure loading with the famous Coats' loader:

- Telescoping Frame.
- Less leverage on tractor.
- Telescopes to 3' loading clearance.
- Belt pulley drive.
- Simplified wood cone clutch.
- Hay buck and snow bucket attachments.
- Fits all row-crop tractors.

Compare the features. Compare the price. Get the BEST when you buy.

WRITE today for free illustrated circular.

COATS' LOADERS AND STACKERS
Fort Dodge, Iowa

Helps Prevent INFECTION Aids Healing

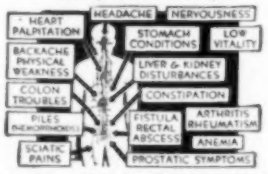
Minor cuts, scratches and abrasions on teats and udders invite infectious germs. **Spohn's ANTISEPTIC UDDER-AID** kills germs on contact, yet is kind and soothing to tender tissues. Never becomes hard or sticky—easy to spread in any weather. Ideal for massaging congested udders! 60¢ at your drug store. If not 100% satisfied, money refunded.

Spohn Medical Company
Goshen, Ind.

SPOHN'S ANTISEPTIC UDDER-AID

Good News To Fistula Sufferers

Interesting FREE BOOK on Dangers of Delay



Illustrated authentic 48-page book on Fistula, Piles (Hemorrhoids), related ailments and colon disorders is yours FREE. Write today. Thornton & Minor Clinic, Suite 225, 926 McGee St., Kansas City, Mo.

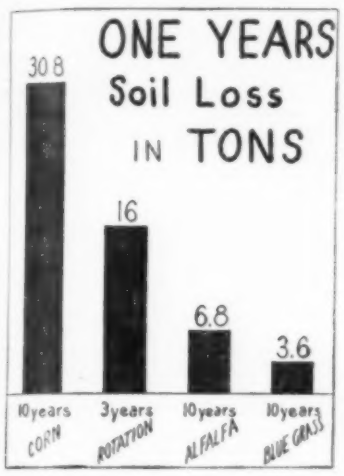
LAWRENCE CAUSTIC BALSAM
Internal or Blister
68 Years The Reliable Standby of Horsemen
DEMAND THE WHITE PACKAGE
$1.75 at Druggists or by mail prepaid.
The LAWRENCE-WILLIAMS Co.
Cleveland 6, Ohio

Corn Crops Cause Soil Washing

Lots of Grass in Rotation Cuts Soil Loss To One-Sixth in Page County, Iowa, Test

WHEN washing rains carry good dirt down the slopes of your corn fields, it may be a result of the way the land has been farmed for 10 years before.

If you grow corn on land that has been cropped heavily for 10 years, soil loss may be four to eight times as great as on corn land following 10 years of grass.



Soil Loss on 1945 corn land, comparing four cropping systems. First column from left, 10 years straight corn, then rotation; second, continuous three-year rotation; third, soil loss third year of corn after 10 years of alfalfa; fourth, third year of corn after 10 years of blue grass.

These soil losses are actual measurements taken at the Page county, Iowa, experimental farm. Tanks below the plots, on about a 9 per cent slope, catch the run-off of both soil and water.

Tests included four plots in 1945. One had been in corn for 10 years continuously, then was put in rotation. One had been continuously in a three-year rotation. Of two other plots, one had been in blue grass and one in alfalfa for 10 years.

In each case, measurements were taken while the land was in corn. On the sod plots, it was the third year in corn.

Soil losses were 3.6 tons per acre during the third year of corn after 10 years in blue grass. During the third year of corn after 10 years of alfalfa, 6.8 tons of soil was lost.

Blue grass, it seems, has an advantage over alfalfa in making the soil absorb and hold water. But each has a big advantage over ordinary rotations or continuous corn.

In the corn year of a continuous three-year rotation, 16 tons of soil washed away. This soil loss was more than twice as much as on the alfalfa land and over four times as much as on blue grass land.

But on the land in corn for 10 years and then placed in rotation, 30.8 tons of soil was lost in the year in corn. Loss was more than twice as much as with the rotation, and from four to eight times as much as on land that had been 10 years in alfalfa or blue grass.

Water losses on the corn land during 1945 followed much the same pattern as the soil losses.

The blue grass plots lost 7.7 per cent of the rainfall. On the land that had been in alfalfa 10 years before going into corn, the loss was 9.3 per cent.

The land in continuous rotation lost 18 per cent of the water that fell on it, and the land that had been in continuous corn for 10 years lost almost one-third of the water, or 32.8 per cent.

G. M. Browning, of the Soil Conservation Service, in interpreting the results on the Page county farm, said:

"The soil (on the blue grass and alfalfa plots) retained a loose, granular structure which permitted large amounts of water to be absorbed before run-off occurred."

The tests seem to prove again that adding organic matter to the soil is the most effective means of holding soil on the hills.

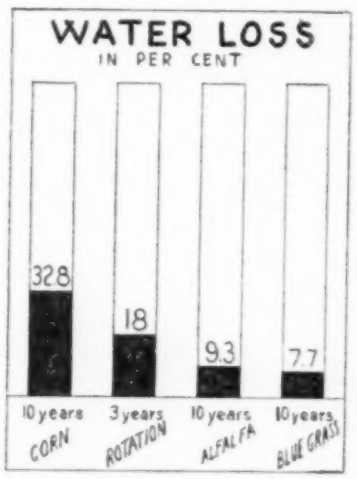
Blue grass has a heavy root system, much heavier than alfalfa. Where blue grass had grown and left its decaying roots, the least soil and water was lost.

This indicates the value of adding grasses to legumes and arranging the rotation if possible so the land can be in grass two years at each seeding.

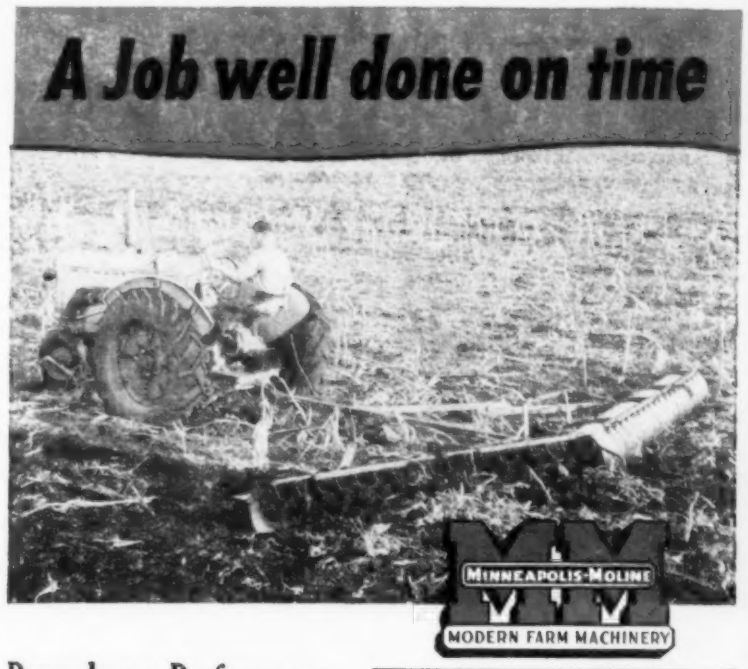
Rather heavy soil and water losses on the continuous three-year rotation are further indications of the desirability of more years of grass in the rotation.

The loss of 16 tons of soil and 18 per cent of the water during the corn year of the three-year rotation is relatively heavy. Apparently, this rotation does not get enough organic matter in the soil.

Continuous corn, the test shows, fails entirely in getting organic matter into the soil. The result is a soil wrecking loss of 30.8 tons of dirt and one-third of the rainfall.



Water Loss on 1945 corn land, comparing four cropping systems. First column from left, 10 years straight corn, then rotation; second, continuous three-year rotation; third, water loss in third year of corn after 10 years of alfalfa; fourth, third year of corn after 10 years of blue grass.



Depends on Performance

Seed bed preparation time brings with it many HARROWING experiences—delays because of weather, wet fields, etc. But a good seed bed is essential to a good crop, so many insist on MM for dependability because of many outstanding MM features:

1. Each bearing equipped with hard maple bushings filled with oil—oiling and greasing unnecessary.

2. Bearings are longer and larger in diameter than ordinarily used. Load is distributed evenly over entire length of bearing.

3. Bushings easily and cheaply replaced when wear occurs.

4. Bearing spools provide smooth, hard, and true round spindle for the bushings.

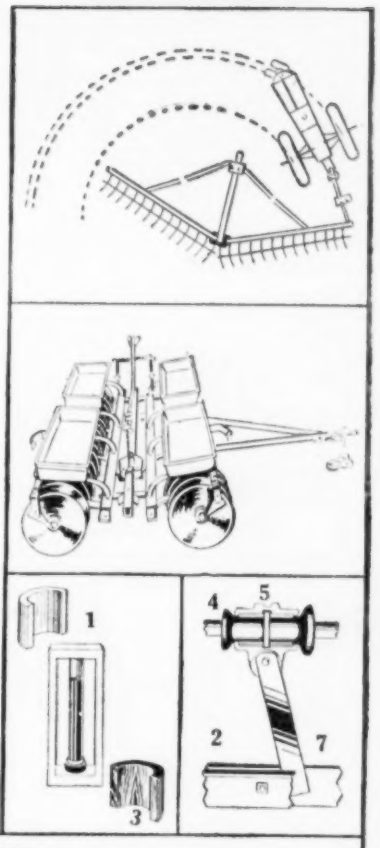
5. Steel heat hardened end thrust collar located in center of each bearing takes all end-thrust.

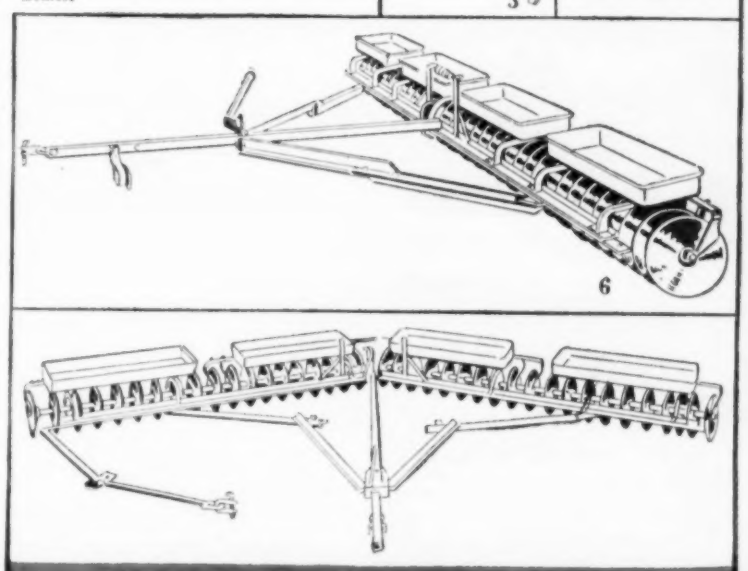
6. Gang bolts equipped with special wear take-up washer which prevents assembly from ever becoming loose once properly tightened.

7. Gang drawbars designed to put draft on the bearings practically at right angles to the axis of the gang bolt when discs are in working angle. This keeps full face of bearings in even contact with spindle, meaning less wear at any point. See illustration.

The No. 14 Wide Cut Disc Harrow, offered in 15, 18, and 21 foot sizes, folds easily to ½ its operating width for transport or storage entirely by tractor power. Angling of the discs on the new MM Tractor Disc Harrows, both into and out of working angle, are entirely tractor-controlled simply by backing up or pulling forward. Weight to aid penetration is added simply by shoveling dirt into the generous sized weight boxes which are available.

Worth waiting for—See Your MM Dealer.





MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY
MINNEAPOLIS 1, MINNESOTA, U. S. A.

CHANGE TO CHAMPLIN

HI-V-I

New Fighting AVIATION OIL

When you make that spring oil change, it will pay you to change to Champlin HI-V-I . . . the new fighting aviation oil. Refined by an entirely new dual solvent process . . . from 100% Paraffin Base Mid-Continent Crude . . . the finest obtainable . . . it's so clear, so pure, so free from carbon, resin, and other sludge forming elements, it helps clean up the motor and to keep it clean. It's thin enough to penetrate between even the most close-fitting parts, but has the stamina of a mule. Ask your Champlin service man or dealer. Available in bulk, barrels, or refinery sealed cans.

CHAMPLIN REFINING CO.

Producers, Refiners, and Distributors of Petroleum Products Since 1916

Enid, Oklahoma

DEALERS-DISTRIBUTORS: *Champlin HI-V-I has the quality that builds repeat sales and plenty of them. If you have an established petroleum business, write for full details. Many good territories still available.*

CHAMPLIN HI-V-I *Motor Oil* "ON THE GROUND..OR IN THE SKY"

AMAZING NEW FARM TOOL!

INFLATES TIRES • GREASES • DUSTS
CLEANS • SPRAYS • PAINTS

You'll find scores of time and labor-saving uses for the Tokheim Air Compressor—inflating tires, greasing car, tractor or equipment; spraying paint, insecticides, rust preventives; cleaning radiators, motors and machinery—dusting. Portable—easily carried anywhere! Just plug into electric outlet and it's ready to use. Moderately priced! Strong welded pressed steel construction. Gasoline powered model also available. General Products Division, Tokheim Oil Tank & Pump Co., Fort Wayne 1, Indiana.

SEE YOUR IMPLEMENT DEALER OR WRITE FACTORY

Better Corn Drying

More experimental work in grain drying is needed, according to the Iowa Farmer Grain Dealers Association, which met in convention in Des Moines in January. Extracts from the resolutions of the cooperative elevator association follow.

WHILE agriculture is ready to continue full production necessary in the reconstruction period, consistent with sound production practices, we are aware that unless full employment and production in all industrial channels are expedited, our entire national economy is endangered.

We lament the evident lack of cooperation currently exemplified on the part of labor leaders and industrial executives. . . .

During the war period, the need for higher percentage of intertilled crops robbed our hay and pasture acreages, which has been injurious to our fertile land, and we must now lay plans for a complete land use program on every farm in the state.

We urge every farmer in the established soil districts to make use of the assistance available in establishing a complete plan on his farm, and all counties not having districts to join in the plan of saving our natural resources.

We believe collective marketing of the products of the farm a necessity to insure full realization of the value of those products, and are convinced it can be done in no other manner than thru cooperative agricultural associations.

We therefore deplore as a deliberate attempt to depress the economic status of the farmer the present agitation to define as profit of the cooperatives the ultimate market values obtained thru their efforts and received by the producer.

We therefore urge that it is in the public interest that Section 101 (12) of the Internal Revenue Code be retained, and urge the preservation of the right of a cooperative corporation to exclude from its gross income sums refunded to its patrons. . . .

In order that the disastrous declines in the prices of grain and the suffering caused later by shortages of food supplies may be avoided during seasons when grain is high in moisture content at harvest time, and to improve the storageability of grain so that it can be stored for longer periods without appreciable loss in feeding value, we request that the Division of Farm Buildings and Rural Housing, Bureau of Plant Industry, Soils and Agricultural Engineering, Research Administration, U. S. Department of Agriculture, and the Agricultural Engineering Department of the Iowa Agricultural Experiment Station, design and test, as soon as possible, farm storage structures which can be used for the storage of ear corn and all other important grains, and which will have proper equipment for the economical drying of the grain and the control of moisture.

5 to 10% MORE BUTTERFAT *with* Water Cups

EXPERIMENTS* show that cows produce up to 10% more butterfat when they drink from water cups! . . . They give more milk and it tests higher.

Jamesway automatic water cups will quickly pay for themselves . . . They'll save you hours of chore time . . . help prevent disease . . . help keep your cows in better condition.

Automatic water cups are just one of the Jamesway "chore savers" that will help you get more done, in less time, at greater profit. All are described in the Jamesway Farm Building Book.

* Iowa Agricultural Experiment Station.

Dept. WF-246

Jamesway

Ft. Atkinson, Wis.
Elmira, N. Y. Oakland, Calif.

NOW AVAILABLE Trojan ALL YEAR HOG-WATERER

NO HEATING UNITS
NO LAMPS-NO FLOATS
NON-FREEZING

Provides constant supply of clean, fresh water. Saves time and labor—prevents water waste—safeguards health. Quickly attached to barrel or tank. Factory price $3.25. See your dealer or order direct, adding 75c for postage—will refund if less. Money back if not satisfied.

AUTOMATIC IN ACTION!

Standard Manufacturing Company
BOX 10 CEDAR FALLS, IOWA

CAT'S PAW
Finest Rubber Heels & Soles!

NOW AVAILABLE
HANDY WIRE REEL

ONLY $5.95, including shipping charges. Mounts easily on truck. Rods turn to permit wire spool to slip off. Spaced openings allow for wire shrinkage when replacing spools. Order yours — today.

ADDRESS DEPT. I

DR. RINEHART'S HANDY HOG HOLDER CO.
P. O. Drawer No. 191, Galesburg, Illinois

CANVAS COVERS—New Low Prices

12 oz. treated, fire resistant, waterproofed, made of used Government tents. 8x8 ft. $4.00; 8x10 ft. $7.15; 12x16 ft. $19.75; 16x24 ft. $27.15. Grommetted; Other sizes. 25% each with order.

Harris Machinery, 537 30th Ave. S. E., Minneapolis

FOR INVENTORS

INVENTION RECORD FREE

Write today for information on Patent Protection and "Record of Inventions" form—both free. Randolph & Beavers, 506 Columbian Bldg., Washington, D. C.

Winter Husking was practiced on some farms this year to give the corn a chance to dry out in the field. Manure is also being spread on this field, to make the next crop mature better.

Farm and Feed-Lot

For Pig Raisers To Shoot At

We shall be hearing more of swine production tests from now on, as the emphasis increasingly swings to efficiency.

Then what are the goals for the Iowa hog raiser to shoot at? By what standards can he measure his own achievements? Suppose we set up a few:

Size of Litters—The aim can be eight pigs.

Birth Weight—Two and one-half to three pounds is the ideal—the bigger the pig, the faster it can gain.

Weight at Weaning Time (56 days)—A weight of 35 pounds is very good; 25 pounds is above the average, and 45 pounds is possible. Total litter weight, of course, is what really measures production efficiency.

Average Daily Gain—From birth to marketing time, 1.25 pounds is possible. In last year's swine growers' contest, 1.21 pounds was the average, and 1.41 pounds the highest in the herds entered.

Feed Required—For 100 pounds of gain, the amount of feed will vary both with the efficiency of the ration and of the pig consuming it. A total of 400 pounds (corn plus supplement) is good. Most feeders will find they use more.

Wheat Stocks Lowest In Four Years

Wheat stocks are the lowest in four years. This reduction has occurred despite the production of more than a billlion bushels in both 1944 and 1945, compared with a 10-year average production of 789 million bushels.

Total stocks on January 1, 1946, were 689 million bushels. This includes both fall and spring wheat stored on farms, in warehouses, at mills, and with the Commodity Credit Corporation.

January 1, 1945, wheat stocks were 835 million bushels, and January 1, 1944, wheat stocks in all positions were 818 million bushels. Present stocks are 17 per cent below a year ago.

Disappearance of wheat has been very heavy since July 1, 1945. Its large use has been attributed to heavy milling, increasing exports and heavy feeding of poor quality wheat in some sections.

Department of Agriculture officials do not look to wheat stocks to relieve the present grain feed shortage.

Lime Six Months Ahead Of Legumes

Limestone should be applied to land six months or a year before legumes are seeded, according to soils men in the agronomy department, Iowa State College.

One of the best places to apply limestone is on the corn land the year before it is seeded to oats and legumes. Any time of year is all right for application, provided sufficient time elapses before the seeding of the legumes.

Limestone should always be applied in accordance with the need of the soil as shown by tests. The county agent can make these tests, or the soil sample may be sent to Iowa State College.

Records Safer Guide Than "Milk Veins"

Judges of dairy cattle may need to revise their customary rule of rating milk production by external evidence, such as the number of mammary veins on the udder, size and length of "milk veins" on the abdomen, and nature of "milk wells" or holes thru which stomach veins enter the body.

The U. S. Bureau of Dairy Industry has collected evidence that shows there may be little if any relationship between any of these surface characteristics and true milk producing ability.

After several years of systematic study and grading for mammary veining and milk flow for 106 Holstein and 89 Jersey cows, the Bureau men have reached the following conclusions:

Neither abundant veining on the abdominal wall or udder surface, nor presence of big milk wells, is indicative of high producing form. Scientific basis for this conclusion is established by detailed dissection and study of blood flow.

Pillsbury-fed layers set new record!

Higher percentage of Edmonds' Leghorns and Black Australorps qualify for Record of Performance program than ever before recorded. Leghorn record is all-time high for all breeds of poultry.*

Luverne, Minn.—The records of the laying flocks of S. C. White Leghorns and Black Australorps of George C. Edmonds, operating under the supervision of the Minnesota, and the National Poultry Improvement Plan, give outstanding evidence of the profitable results returned by combining good breeding, good care, and good feeding.

Mr. Edmonds, when interviewed, said he does not seek these records as an end in themselves—that the value of his progeny-tested stock to hatchery-men, flock owners and farmers is based upon the eggs they will produce—the profit they will return, under average practical conditions.

Consequently, to make this test more conclusive, said Edmonds, we entered our entire flocks (not specially selected birds) of 670 Leghorns and 300 Black Australorps. The Leghorns produced 158,834 eggs which were sold on a graded basis and yielded a profit above feed cost of $3.55 per bird!

Two factors important to every poultry-raiser's profit stand out in the Leghorn records: 1) Total mortality was slightly under 9%, of which 3% were accidental causes. "We have never had as low a mortality in our yearling hens," says Edmonds. 2) Weight gains during the season were consistent. "This is the first year we have ever been able to put on over 1 lb. average gain per hen from the weight at first egg until the official weight was taken by the state agency," Edmonds stated further.

Mr. Edmonds considers feed quality an important factor in these livability and weight gain records, which, with carefully selected, sturdy stock and good care and sanitation, mean so much in high profitable production.

George C. Edmonds, for 14 years vocational agriculture instructor in Luverne, Minn. He started his progeny-breeding program in 1936, and in 1944 resigned his teaching position to devote his full time to his hatchery and breeding flocks.

Pillsbury's BEST FEEDS

This famous old trade-mark on a bag of feed is your assurance of economical, result-producing quality under any conditions.

BREEDING TELLS!

Leghorn hen No. 2328 (283 egg record), mated with Leghorn cock bird No. 9375 (dam's record, 304 eggs) had 12 daughters entered in this contest. All qualified. The 12 produced an average of 281 eggs—6 laying over 300 eggs.

Feed and care for such hens well, and you truly have the hens that "lay the golden eggs."

Edmonds' 1944-45 trapnest records, just completed, show the soundness and profit possibilities of a program of good breeding, good feeding, proper housing, sanitation and care . . .

S. C. WHITE LEGHORNS:

Percentage for qualifying for R. O. P.[1]—83.1%.

Av. production of qualifying birds—267.3 eggs per year (94 of these birds [17%] laid 300 or more eggs).

Av. egg wt. of qualifying birds—25.9 oz. per doz.

Av. body wt. of qualifying birds—5.19 lbs.

The death loss during the year was less than 9%. 8% were culled because of low production or eggs averaging below 24 oz. per doz.

BLACK AUSTRALORPS:

Percentage qualifying for R.O.P.[1]—67.7%.

Average production of qualifying birds—245.1 eggs per year.

Av. egg wt. of qualifying birds—25.4 oz. per doz.

Av. body wt. of qualifying birds—6.26 lbs.

[1] To qualify for Record of Performance, a hen must lay 200 eggs per year, which weigh 24 ounces or more per dozen.

These are practical, down-to-earth facts that can be applied equally well to increase your poultry profit: Improve your stock, give the best possible care, and provide a nutritionally balanced, high quality, economical feeding program. Mr. Edmonds' outstanding results were made with a regular Pillsbury's BEST feeding program—the same as used by a host of satisfied poultry raisers from border to border.

During the uncertain days ahead, greater efficiency will be required in feeding and management than ever before. See the Pillsbury's BEST feed dealer in your community now, and plan *your* laying and chick raising program around Pillsbury's BEST feeds. It is a flexible program, meeting any particular need.

PILLSBURY MILLS, INC., FEED MILLS DIVISION
Clinton, Iowa, and Eight Other Cities

*As of date of publication. Source of records: Annual R. O. P. Directory of *Hatchery Tribune*. Percentages based upon flocks of 300 or more trapnested.

A CONCRETE BARNYARD

helps you raise more beef with less feed and labor

With the United Nations appealing to American farmers to raise more beef and pork, many farmers are *paving their feed lots with concrete.* This saves feed and labor—leaves more feed for pigs following cattle—saves manure.

Authorities say a concrete feed lot is worth $7 a head per year in direct savings.

A concrete pavement will last a lifetime, and the cost is surprisingly low.

If you need help, get in touch with your concrete contractor, ready-mixed concrete producer or building material dealer.

Write for free booklet on feeding floors and barnyard pavements, or other lasting concrete improvements.

Paste coupon on penny postal and mail today

PORTLAND CEMENT ASSOCIATION
Dept. E2c-3, 409 Hubbell Bldg., Des Moines 9, Iowa
Dept. D2c-6, 33 W. Grand Ave., Chicago 10, Ill.

☐ Yes, I am interested in paving my barnyard or feed lot. Send booklet.

Also "how to build" booklets on improvements checked:

☐ Milk house ☐ Dairy barn floor
☐ Manure pit ☐ Poultry house floor
☐ Granary ☐ Water tank or troughs

Name_____
Street or R.R. No._____
City_____ State_____

Crib Plans FREE!

Send for FREE crib blueprints with list material required. Also FREE Elevator catalog—8 styles.
MEYER CUP ELEVATORS
Simplest, strongest — no short turns. Widest, sturdiest PORTABLES that handle baled hay. Write us your Elevator problems today. State whether interested in BUCKET or PORTABLE.
The Meyer Mfg. Co., Box 1465, Morton, Ill.

FINE TESTED ALFALFA $20.50 Bu.
Grimm Alfalfa $23.00; Red Clover $21.70; Scarified Sweet Clover $8.25; New Timothy $3.25; Timothy and Alsike Mixed $6.00; New Strain Brome $3.50; Korean Lespedeza $2.60; Early Giant $4.95; Hybrid Seed Corn, tested, $4.25. Our seeds recleaned, tested. Guaranteed satisfactory and sold subject to your 60-day test. Write now for Free Samples and 1946 Catalog. Hurry, scarcities exist.
AMERICAN FIELD SEED CO.,
Dept. 304, Chicago 9, Illinois

NEW OTTAWA SAW

World's Fastest
BIG FREE BOOK
6 H.P. EASY TO MOVE
Fells trees. Saws big logs, small logs, limbs. Pulley for belt work. Easier to handle, weighs less than lower powered units. FULLY GUARANTEED. Cash in on fuel shortage. Turn wood lots into money. Book Free.
OTTAWA MFG. CO., 1428 Pine St., Ottawa, Kansas

CORONA OINTMENT
For cow's teats and udder—minor wounds, galls of livestock—chapped hands—cracked skin. Odorless antiseptic in extra-rich soothing base. So good for the skin. 8-oz. 75c.
FREE SAMPLE. Write today.
CORONA MFG. CO. Box 2183 Kenton, O.

Certified Lincoln Soybeans
Varietal Purity 99.9, germination 97%
F.O.B. Ottawa, $3.00 bushel.
WILLIS THROGEN, R. 2, OTTAWA, ILLINOIS

First Aid for Stock

Watch Out For Calf Pneumonia

This is pneumonia season. Any calves which do not come up to the feed trough? Is their breathing rapid and shallow? Mucus discharge, perhaps, from the nostrils? Do they cough? Muzzle dry, indicating fever? (Temperature often runs up to 106 or 107 degrees.)

Commonest cause is exposure. Housed too close, perhaps, in a tight, warm barn—then exposed to severe outside weather. Or the sleeping quarters may be wet and drafty.

Progress of pneumonia is rapid, so do something about it right away. Put the animal into a comfortable, well-bedded stall. Turpentine and lard applications may be all right under certain conditions, but in a cold barn are not very effective.

Frequent dosing with sulfathiazole is probably most successful, but follow carefully the dosage indicated by your veterinarian.

Sulfa was used in one case in which a dozen or more short yearlings were affected. One after another registered a temperature of 106, as if the thermometer automatically stopped at that point. But only one died, and perhaps it could have been saved if medication had been kept up thru the night.

Caught in time, most typical pneumonia cases will yield to this treatment.

If pneumonia cases are frequent on the farm, look to the stables. Is a better ventilation system needed? Are the calf stalls drafty?

Pneumonia often appears as a complication following an onset of some other disease. The pneumonia germ in this case is called a "secondary invader."

Pigs Get Sick In Big Hog House

To the Editor: We expect early spring pigs, and would like to have them farrowed in the main hog house. But here is the trouble: The small pigs always die in there. They have high fever and seem to suffer a lot. Scrubbing the floor does no good. Once we vaccinated for erysipelas, and those that were not sick were O. K. Only baby pigs are affected.—W. J., Buena Vista County, Iowa.

The symptoms that you cite, and the success with the anti-erysipelas treatment indicate the proper thing to do might be as follows:

Provide the cleanest, driest place that you can find in the hog house. When the pigs arrive, give them anti-erysipelas serum as soon as they are big enough to handle. It has been given to pigs as young as five days with success.

Your veterinarian should be asked for advice on the future prevention of disease on these premises, as well as on the treatment of the pigs this spring. Erysipelas is irregular in the manner in which it operates in different soils.

Give the veterinarian all of the details of the former outbreak. He may advise the more permanent treatment known as the serum and culture treatment. If some pigs should be lost this spring, send specimens to a good laboratory for confirmation of the diagnosis of probable erysipelas infection.

Some Cattle Warts Are "Catching"

To the Editor: We have a yearling steer that has warts on head, neck and shoulders. Is there a remedy for these? —W. A., Nodaway County, Missouri.

The new wart vaccine available now to veterinarians has given generally good results. It is injected under the skin or into the muscle. A second treatment after 20 days may sometimes be necessary.

Warts are quite common around the head and neck on young cattle. They often are spread from direct contact or from rubbing posts and the like. They reduce value of hides, and, if extensive, will make the animal unthrifty.

Some warts are non-contagious. Warts of this type can not be cured by any vaccine.

Finds Lumps on Back Of His Cow

To the Editor: How can we get rid of grubs in the back of a cow? She has a lot of bumps all along her back. They are about the size of a dime, and have scabs on top.—W. E., Woodbury County, Iowa.

Derris powder (5 per cent rotenone) has been widely used to kill grubs, and does an effective job. Dust the powder along the backs of the cattle, and rub it in with the finger-tips.

Apply the powder at intervals of 30 days, or whenever examination of the back of a cow indicates that grubs are opening holes thru the skin and are about to emerge.

The grubs can be squeezed out with the thumb and finger. If this method is used, frequent examinations should be made and the grubs removed whenever the swellings are found to be well opened.

If squeezed out, the grubs should be killed. This will reduce the number of heel flies next summer and the grubs in the backs of the cattle next winter.

What Makes Jittery Little Pigs?

Ever have jittery little pigs on your place—the kind that shake and jerk and tremble so that it seems surprising they can ever hold onto a teat to suck?

If normal otherwise, such pigs generally will outgrow this trouble. "Take good care of them," advised Dr. K. W. Stouder, extension veterinarian, at a hog raisers' clinic recently, "and you'll be surprised how many you save."

So far, no certain cause has been discovered. It is doubtful if the trouble is hereditary, Doctor Stouder said.

THE PRICE OF JUST 1 PIG
may save a lifetime's work

You can lose your farm in the split second it takes for a farm-caused accident (and a jury to find you responsible). Be safe from worry. Pay doctor bill on hired help.

See Your Allied Mutual Agent

Over 1,000 Iowa agents—There's one near you—Can show you how to be safe at a saving. Write for facts. No obligation.

ALLIED MUTUAL CASUALTY COMPANY
Hubbell Bldg. Des Moines, Iowa

Increase YOUR CROP YIELD

From 5 to 20 bushels more per acre with a Brillion Soil Pulverizer whose exclusive features make it one of the most profitable implements on any farm. Thousands of farmers are proving this with all kinds of crops. There's a model to meet your needs. Write today for your free copy of our booklet "Making Soil Pay." It's chock-full of valuable information.

BRILLION IRON WORKS, INC.
DEPT. B
BRILLION, WISCONSIN

FREE

BRILLION SOIL PULVERIZERS

NEW SEED OATS

We specialize newest, best seed oats. Imported Canadian Registered Vanguard made almost unbelievable yields. Why? (1) Their highly stem rust resistant, stiff straw stood where others went flat. (2) Long heads. (3) Heavy stooling. (4) Abundant straw. Result: 3 high yields and profit. Also Tama & Vicland, New Ia. & Wisc. top yielders. New Canadian Regent rust resistant spring wheat, surprising yields. New Compana Barley. Get circular showing proof and reports of more bu. from less. Free sample. Write

NEW SOY BEANS Early — Richland, Habaro and Early-ana. Medium early—New Lincoln. Also New Hybrid South American Mushroom Pop Corn. Supplies ltd.

WILLIAM GALLOWAY & SONS COMPANY
Dept. WF,
WATERLOO, IOWA

The EXTRA HAND for your Haying

IRELAND *Farm* HOIST
Saves half your time

Replaces tractor or team for unloading. 2 H. P. motor or tractor pulley lifts up to ½ ton 40 feet per minute. Limited production . . . order now. See your DEALER or write for full information.

BENNETT-IRELAND
246 Henry St., Norwich, N. Y.

Relieve Misery of ITCH

Relieve itching caused by eczema, athlete's foot, pimples—other itching troubles. Use cooling, medicated D.D.D. Prescription. Greaseless, stainless. Quiets itching fast. 35c trial bottle proves it—or money back. Ask your druggist for D.D.D. Prescription.

NEW AND USED TRACTOR PARTS: Write for big free 1946 catalogue; tremendous savings. Satisfaction guaranteed.
CENTRAL TRACTOR WRECKING COMPANY
Des Moines 3, Iowa

HEARING AIDS Repairs, supplies, all makes. Quick service. RALLETT HEARING AID SERVICE, 337 S&L Bldg., Mankato, Minn.

HOG PROFITS $OAR

When this simple inexpensive sanitation plan is followed

There has never been a hog sanitation plan so simple to follow, so inexpensive to use—yet so productive in profits—as the one made available by Lewis' Lye.

It is recommended by Experiment Stations. Its success has been proved beyond all question of doubt. It helps return extra profits these five ways:

1. More pigs per litter.
2. Runts almost eliminated.
3. Faster gains on less feed.
4. Shorter feeding period.
5. Earlier marketing when prices are higher.

You can prove results in a single season by simply getting Lewis' Lye at once and following easy directions. But be sure to use only Lewis' Lye. It's *double*-refined for super, high-test quality. Costs only 10c a can. Start this proved sanitation plan at once and watch your hog profits soar.

FREE! *Send for free copy of booklet which gives full information about Lewis' Lye Hog Sanitation Plan and much more valuable information you need. Dept. 1886. Address below.*

Sanitize with **LEWIS' LYE**

PENNSYLVANIA SALT MANUFACTURING COMPANY *Chemicals*
20 N. Wacker Drive, Chicago 6, Ill.
Another PENNSALT *Product*

Knox Out INSECT SPRAY *featuring* DDT

IT'S THE HEAVYWEIGHT CLASS FOR ME!

. . . and I'm gaining every day, thanks to Security!

Security Food is time-tested. It contains elements lacking in grains. Easy to mix ...low in cost... *The farmer's standby for better production.*

FEED YOUR PIGS & HOGS SECURITY FOOD

Security Results Show on the Scale!

GET A SUPPLY from your DEALER TODAY

SECURITY FOOD CO.
MINNEAPOLIS MINNESOTA

OTTAWA TRACTOR SAW

350 Cuts Per Minute

Make money sawing wood. Use Ottawa—fastest cutting. Cuts large, small logs easiest way. Fells trees. One man operates. Thousands in use. Built to last with heavy, stiff saw blade. Positive safety clutch control; uses power take-off any tractor.

FREE BOOK and Price List

OTTAWA MFG. CO., D1428 Forest Ave., Ottawa, Kans.

What Is Hay Worth?

Officers from 55 of the 63 Iowa soil conservation districts met at Iowa State College in early February. They reviewed Iowa's soil problems and the work of the soil conservation districts.

Farmer commissioners from the Iowa soil conservation districts asked questions, argued with professors and with each other at this meeting.

When Extension Professor Carl C. Malone, in giving the factual background regarding comparative net income from the various crops, indicated that hay was definitely at the bottom of the list, several spoke up at once in its defense.

What if you can't show much income from hay? they asked. It pays because of its many indirect values. Definitely, legumes do pay returns, but you can't cash in on them so soon. And, as Malone further pointed out, they involve livestock farming, which in turn requires more capital.

Some results given by Dr. G. M. Browning, on the state experimental farm near Clarinda, gave a striking illustration of these hidden returns from legumes. He compared similar plots there which had been farmed in different manner since 1932.

One had been in corn every year. In 1945, it produced 24 bushels per acre. Another had been rotated steadily between corn, oats and meadow. Its 1945 corn yield was 94 bushels per acre.

Dr. W. G. Murray, economics department head, who has been filling the role of a modern Jeremiah in warning us against land inflation, pointed out the cause of some of our soil mining.

"Men have bought at too high a figure and mortgaged the land," he said. "Then they have to work it too heavily to get out on it.

"Countless run-down and worn-out farms over the state are stark examples of this fact. Here's the land, but where's the soil?"

Farm crops people came forward to recommend a combination of grass and legumes for meadow or pasture seedings. Grass roots are finer, and grasses such as brome or timothy do not rot away so quickly as alfalfa or clover.

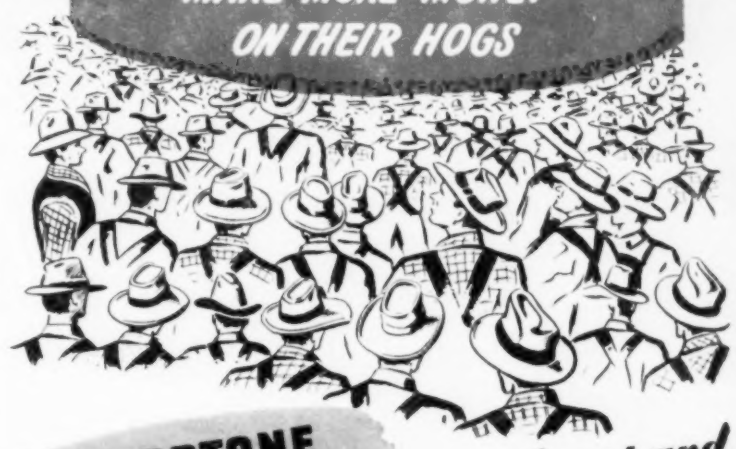
But the legumes are necessary to build up nitrogen. That is why we are hearing so much recently of alfalfa-brome mixtures.

The question was raised whether it was worth while to make this seeding for only two years. The southern brome varieties, like Fisher, come into production faster than Canadian, was the reply, and will produce a hay crop the first year after seeding. Many use the first year for hay and the second for pasture.

A Monroe county commissioner said he was using alfalfa-brome meadow for four or five years, then corn; oats and sweet clover; corn again; then oats, and back to brome-alfalfa. This would allow corn one-fourth to two-sevenths of the time.

Drainage, erosion control, crops, fertilizers, land use programs, including forestry, these were a few of the items on this comprehensive refresher course.

VIGORTONE
HELPS THOUSANDS OF FARMERS MAKE MORE MONEY ON THEIR HOGS



VIGORTONE *Supplies Vitamins, Yeast and Minerals in Right Proportions*

Promotes Fast Gains···Increases Profits!

YOU, too, can step up your hog profits and conserve your home grains by joining the thousands of thrifty farmers who supplement hog rations with Vitamin-Reinforced Vigortone. Vigortone is easy to use . . . you simply add it to your regular home grain ration. Vigortone-supplemented ration aids digestion and assimilation and enables your hogs to get the maximum nutritional value from their feed. This further balancing of your home grains promotes a thrifty condition in your hogs . . . and that means faster gains and bigger profits!

Call your local Vigortone Serviceman or write direct to the Vigortone Company for full details. The trained Serviceman in your locality will gladly call at your farm and help you with your feeding problems.

MINERALS
YEAST
VITAMINS
ALL IN ONE BAG

VIGORTONE "ON-THE-AIR"

WMT—Andy Woolfries FARM FORUM every Monday, Wednesday, and Friday at 6:30 to 6:45 A. M.
WLS—1:05 P. M. Monday thru Friday.
WNAX—DINNER BELL ROUND-UP every Monday, Wednesday, and Friday at 12:00 noon to 12:15 P. M.

SUCCESSFUL FARMERS TESTIFY

Carl Janssen of Rock Falls, Illinois, writes:

"Last spring my 42 head of pigs were in very unthrifty condition. Your serviceman stopped in and explained the results other feeders were obtaining from Vigortone and Dr. Fenton's Special Feeding Course so I decided to give them a trial.

"I am more than pleased with the results. I find that by feeding Vigortone I get more feed value out of my grains, thus cutting down cost of production. The helpful service rendered by your serviceman was greatly appreciated."

John P. Hayenga of Kings, Illinois, writes:

"I have been a user of your feeds over five years, and would like to state they are the best balancers I have ever used. As I feed all of my feed dry, I will feel Vigortone along with my other feed. I have found that by using Vigortone, I cut the cost of protein by one-third, which is quite a saving."

(Original in files)

FREE LITERATURE

Tells how to save feed and cut costs. Also how Special Feeding Courses aid in handling hog ailments. Write for yours today.

Dr. Fenton's
VIGORTONE CO.
Cedar Rapids, Iowa...*"Over 34 Years of Successful Service"*

NEW IDEA SPREADERS

Pay You Two Ways With Every Load

MODEL 12 — TRACTOR DRAWN

MODEL 14 — TRACTOR DRAWN

MODEL 10 — FOUR WHEEL

Each time you go afield with a NEW IDEA Spreader, you earn double pay for the trip. First you are certain to collect the full dollars-and-cents fertility value of the manure through the thorough shredding, fine pulverizing and even distribution for which NEW IDEA stands unexcelled. And in addition, you draw extra dividends in time, effort and money saved by the speedy, smooth, trouble-proof performance and the high standards of construction which give NEW IDEA Spreaders their outstanding reputation. Men who own one will tell you that for lowest operating expense and exceptional longtime durability, you simply cannot beat a NEW IDEA.

There's a NEW IDEA Spreader to fit every farm. Well balanced two-wheel models for both large and small tractors. A superb four-wheel model for either team or tractor. Ask your NEW IDEA dealer about these rugged, light draft, large capacity machines. Or write direct for free circulars.

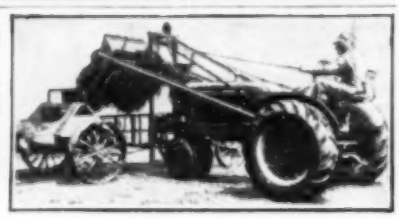
LIME SPREADING ATTACHMENT

With this inexpensive attachment, a NEW IDEA Spreader becomes two machines in one. Close-to-ground delivery secures excellent distribution of agricultural lime with a minimum of annoying dust and waste.

NEW IDEA FARM EQUIPMENT

NEW IDEA Inc., Coldwater, Ohio
Factories: COLDWATER, OHIO—SANDWICH, Ill.

BUILT TO DO THE HARD JOBS ABOUT THE FARM



● No worry about "extra hands" when you own a *Workmaster*. Here's a hefty farm worker that loads manure, stack bottoms, sugar beets, cobs, commercial fertilizer, baled hay. Moves dirt, cinders, snow . . . even small buildings. Saves you muscle work with these tough jobs . . . speeds your work. Fits any row-crop tractor; easily mounted or dismounted. See its new scoop, with suction built into teeth (similar to plow share), to aid controlled penetration. Get the facts about the *Workmaster* from your dealer or write us. Address Dept. WF-2.

NOW

WITH TWO IMPORTANT ATTACHMENTS

●

WORKMASTER can be quickly converted into or from HAY MASTER, 10 . . . depending upon which machine you own first.

●

BULLDOZER . . . this NEW WORKMASTER attachment levels ground, roadways. Clears off snow, rubbish, fills ditches. Blade is 24 inches high; 5 feet wide.

BUCK RAKE . . . quickly changes the WORKMASTER into an efficient buck rake. Rake is 10 feet across . . . has proven 8-foot teeth . . . can be stopped, dumped, carried at any height.

THE NEW METHOD EQUIPMENT CO. INDIANOLA IOWA

FOR GOOD RESULTS

FEED... MoorMan's

MINERAL FEEDS and CONCENTRATES

MOORMAN MFG. CO. QUINCY, ILLINOIS

What Should This Boy Do?

To the Editor: I'd like to pass on to you a question a young navy man, discharged on points, asks: "What shall I do?" He is married, but he has no farm help.

He has a chance to farm. He was raised on a farm, and worked on a farm a year before he volunteered for service. He can borrow money at a reasonable rate and buy his own machinery.

He did engineering work on a destroyer, and took training in that line before being assigned to the ship. That was his work for two years in the navy.

The question that blocks his decision is: What is there in farming—not one year or five years, but for life? Can he do as well in farming as in the work he has been doing?

One answer was: "It depends on the individual." I don't think that is the right answer. The individual will apply himself. Will the government support farm prices? Will the government prevent a depression?—A. S. M., Sac County, Iowa.

Is Farming Best Bet?

How Does It Compare With City Jobs?

Answers to these questions are important to many young men now. So we're going to let our readers help answer them. Here are our answers on several points. After reading them, write us, giving us your point of view.

Some things are first in deciding whether a young man should farm.

Does he like farming? Does he get a thrill out of seeing crops grow? Is the growth and development of livestock something he can enjoy? Will farming be fun or drudgery?

On the other hand, does a drafting board or whirling wheels have an absorbing interest to the young man? Is his mind a bit theoretical? Does he like to figure out things?

Something does "depend on the individual." No amount of application will make a happy farmer out of a man with a bent for mechanics only.

He might be found tinkering in the shop when he ought to be feeding oats to the calves. And the outdoor man will be miserable if confined to the shop or desk.

Do our readers agree that every man should find his niche — that doing what you want to do is more important than prospects for making money in life? Tell us in 300 words why you do or do not agree.

"Can the young man do as well in farming as in the engineering work he has been doing?"

Farmers don't become millionaires. Engineers sometimes do. The extreme top is higher in the engineering profession. But it is a very small per cent that reaches the pinnacle in engineering or any other profession.

The average engineer works on a salary, and has to spend most of his income to support his family. Like the farmer, he is subject to the effects of depression.

Engineers may become unemployed and have to seek other and lower-paid work. Just as farmers may lose their farms or equipment.

Failure is possible in either farming or the professions. Successful farmers constitute a much larger group, comparatively, than successful engineers.

Do you agree that a young man's chances for moderate success are just as great in farming as in engineering? Give us your view, whatever it is.

"Is the government going to support farm prices? Is the government going to prevent a depression?"

No one can predict definitely what will happen in a country run by public sentiment and elected representatives.

It might be that farmers themselves would not approve the drastic steps which might be necessary to support prices. But there are some indications.

We have had experience in trying to do something to hold farm prices in line with other commodities. Not everything has worked well, but even that is a gain—we've found what not to try. Some things have worked.

Price supports by commodity loans have been effective. Price supports by direct payment to farmers work.

Other subsidy methods, such as purchases to support markets have worked part of the time. Production control has not worked too well.

Men are studying programs for forward pricing, increasing consumption and full employment, which, in connection with effective price controls, might make farming more stable.

On the other side is the enormously increased production of foodstuffs—30 per cent more than before the war.

This will make the control of surpluses and prices difficult if it continues. But population is increasing, too.

It would seem that the changed public sentiment toward farm price control, and the experience we have had in doing it, would make complete abandonment of agricultural support unlikely. A farm program of some measure of effectiveness will continue.

On this point, do you agree, reader, that we will continue to have a farm program? If we do have one, will the government be able to support prices, if production is made profitable? Will there be another farm depression? Write us your views.

Corn Stands Up this year in open pens because of high moisture content. Taxted Brothers, of Hamilton county, Iowa, used a manure loader to knock corn down, and also as a big shovel to deliver corn to the sheller.

Moving Dries Corn

Some Say to Sort It for Next Summer

(Continued from page 1)

With favorable weather, and some care, corn at 22 or 23 per cent moisture now might get dry enough to go thru the sprouting season safely.

A feed pinch is expected by farmers and elevator men in central and northern Iowa, all of Minnesota and part of Illinois. This is the area that produced high moisture corn last year. The following reasons are given:

The corn didn't feed well. It took a lot of the new corn to fatten hogs and cattle, because there was so much water in it and so many moldy ears.

Landlords and owners, too, are moving their corn to market this winter. It is being fed locally or shipped out.

Corn that is moving is not going into storage. It is gone forever so far as the feeding of hogs next summer is concerned.

Still more corn will be delivered in late winter and early spring because farmers will get alarmed about it keeping thru the summer. It's possible, some say, that a panic to sell corn before it spoils might develop in late spring.

Only one thing might offset the feed shortage next summer. That is a panicky selling of brood sows for spring litters.

George Clark, Wright county, Iowa, had 33 hogs left in his yards, but said he would keep no brood sows for next spring. Pushing the ears down in the crib, he said:

"We have to sort this corn to find ears that are good enough for chicken feed." He would take no chances on keeping corn for spring pigs.

But William Sheriff, also of Wright county, was feeding corn to 700 hogs averaging more than 300 pounds, and none sold yet. He is also keeping 100 sows for spring pigs. With some old corn and moderately late pigs, he expects to get along.

There will be some reduction in sows for spring pigs. But few are optimistic enough to think the reduction will match lower feed supplies.

What can be done to make the corn keep next summer? There are several things, some of which are now being done:

1. Select the driest corn for keeping until next summer. As some farmers suggest, it is usually corn from the best land. Fields with wet spots in them usually had enough bad ears to spoil the whole.

Later husked corn will often be driest, as it was found on the Koltvet farm. If this driest corn is in open cribs, it could be moved to cribs with roofs.

2. Plan to move the corn you expect to keep for feeding next summer if there is any doubt about its keeping.

Wet corn settles tightly together. Moving it breaks up the masses of ears, lets the air in and the moisture out. Also, it gives a chance for sorting out ears that are already rotten.

Farmers with big double cribs and inside elevators can move corn from one side to the other if they get one crib empty. Corn in open pens can be loaded on wagons with manure loaders, and save much of the back-breaking work.

Where shoveling is necessary, it might pay well. Ventilators in a new crib will help.

3. If the corn you have left is dry enough to keep, buy wet corn for feeding this winter. The dry corn will be good property next summer. If you didn't need it all, you could do both yourself and your neighbor a good turn by selling it to him.

4. Even after taking all precautions to make your corn keep, safety indicates that no farmer should have more stock on hand next summer than he knows he will have corn for. Don't count on buying corn. This is one year to balance the livestock and the feed account.

FREE

15¢ PKT. EXTRA EARLY TOMATO FREE TO EVERY FARMER Sent to all farmers who ask for Our New 1946 Catalog and Farm Seed Samples.

SEED BARGAINS FOR EARLY BUYERS

This 80 Page Catalog FREE

TESTED Guaranteed FARM SEED

Finest values in hardy seeds, new crop, carefully recleaned. Compare our prices and quality on **Red Clover; White, Sweet, Alsike, Mammoth, Ladino** and **Hubam Clovers; Alfalfa, Timothy, Korean, Rape;** the new **Sweet Sudan** and **New Strain Brome; Lincoln Soybeans; Berry's Golden Rust Proof Oats;** heavy-yielding **Berry's 813** and other **Hybrid Corn;** and all farm, garden and flower seed, nursery stock, etc. We allow you **60 days** to test Berry's seeds and satisfy yourself of the quality. Our **money-back guarantee** gives you full protection.

Flower and Vegetable Seeds, Nursery Stock, Fruit Trees

Our catalog is complete—thirty pages of quality Garden and Flower Seeds, Evergreens, Shade Trees, Fruit Trees, Berry Plants—all at reasonable prices. Stocks limited—so order early. Write.

BIG CASH SAVINGS

Berry's amazing **Rock Bottom Prices** on **Farm Seeds,** as well as Flower and Vegetable seeds, Nursery stock, etc., have saved farmers all over the country thousands upon thousands of dollars in years past! **This year** we urge you to get our **Quality-Guaranteed Seed** and save money, too, by **BUYING EARLY** at Berry's lowest **direct-to-you** prices, which only our immense volume make possible. Seed crops are scarce so ACT NOW.

FREE Grass Seed SAMPLES

Tell us what Field Seeds you are interested in—use coupon **GET OUR SAMPLES FOR TESTING.** Don't buy until you learn all about Berry Seeds, from the **World's Largest Mail Order Seed House Selling Direct to Farmers.** Ask your neighbor who uses Berry's seeds. Mail coupon—ask for the samples you want and get our wonderful, new seed guide—see for yourself how much **you can save** buying from us.

30 GLADIOLI FREE

To New Customers

A grand surprise for you! 30 lovely assorted, blooming size Gladiolus bulbs, **free with farm seed orders,** per offer with our catalog. Get our **Big Free 1946 Catalog** and learn all about this **fine gift.** Mail the coupon.

SEND COUPON TODAY

BERRY SEED CO., Bx. 2004, Clarinda, Iowa

Please send me your 1946 Book of Seed Bargains, Free Samples, of field seed I have indicated below (also Free Pkt. of Tomato Seed).

Name .....

Post Office .....

RFD ..... State .....

FREE SAMPLES. Indicate here field seed you plan to buy and samples wanted or attach coupon to your letter. **No Garden Seeds sampled.**

.....

BERRY SEED COMPANY Box 2004 Clarinda, Iowa

Protect Your Future...

Buy U. S. Savings Bonds

Your $75 Bond Will Pay $100 in 1956

Homemaking Department

Edited by ZOE MURPHY

100 Years Ago

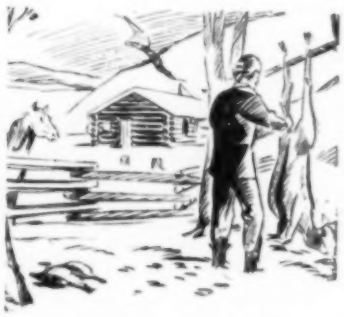
January 26—Having a ripper of a blizzard. Didn't do much today but feed the fire. Have to keep hot coals and blankets around the potatoes to keep them from frosting. Lydia is knitting socks.

January 27—Weather still cold and a-blowing. Sleet tore the windows, and we had to oil new paper for them. Split rails for the worm fence to close in the five acres I cleared last year. Stayed out too long and got frost-bit.

January 28—Still cold. Stock keep to the woods to get away from the wind. Burned the pith out of sumac twigs for spiles to tap trees for sugar making. Charlie Singer came over to see about the butchering and took supper with us. Lydia is feeling dauncey tonight; afraid she is taking down with the ague.

January 29—Weather is still cold and a fresh fall of snow is on the ground. Went hunting soon as chores were done. Plenty of game hereabout. Prairie chickens underfoot, but have to go a ways to get deer or turkey. I brought home a deer and two turkeys and skinned them and hung them out to freeze. Mended harness and made fires all afternoon. Lydia still feels dauncey.

January 30 — Lydia is plenty sick today. I hustled over and got Mrs. Singer. She rubbed on grease and gave Lydia a steaming. Made her drink some kind of remedy, and she feels better tonight. Began to snow again. Don't think my dry wood will hold out.



January 31—Lydia is better today, but still weak. She made bread and churned and made fresh grease lamps. I chopped wood close to the house and kept my eye peeled for her. Snow fell all day and is still busy tonight.

February 1 — Dawn came blue and cold. Reckon the snow is 18 inches deep. Keeps me humping fixing fires and digging out the snow. Sort of lost track of time—hardly seems like Sunday.

February 2—Rosie's tail is frozen. Rubbed it with lard and vinegar, and it seems better tonight. Have to build better shelter next year for the cows. So much to be done, but will just have to keep pegging away. The ground-hog saw his shadow.

February 3—Charlie came over and we butchered three hogs. He did the scalding. Lydia likes to have them butchered right by the moon so they won't all go to lard and the meat won't shrink.

February 4—Snowing again and the wind is a-blowing. Charlie came over and helped cut up the hogs. Lydia made souse and boiled and corned the shoulders. Too windy to cook lard. We're protected against this hill, so don't get the full brunt of the wind.

February 5—Getting colder and the wind still blows. I rode "Old Beaut" out to look at the stock. Found a calf down by the deep hole, and he was about frozen. Brought him in to the cabin and doped him with whisky. Will keep him inside for a day or two. Lydia is spinning.

February 6—Still cold, but the wind has given up. Cooked lard today and Lydia made scrapple. Smoked the meat the first time. Stayed up a while and mended harness. Lydia is spinning again tonight. She is a good woman and does not seem to mind our way of life.

February 7—A little warmer today. Started on the logs for the lean-to I want to put on the cabin come spring. Tired and to' bed early.

February 8—Went to town for meeting. Took dinner with Lida and George. Stayed for early supper and chored late. Lida had word from Cousin Mary and John. They are thinking of coming out here.

February 9—George is driving cattle to market tomorrow and said they were paying $8 to $10 for neat cattle, so I took three to town. Sold the eggs for 8c a dozen. Bought Lydia shoes for 87c and spent 50c for five yards of calico. Laid in supplies: Gallon whisky, 30c; five pounds coffee, 63c; one pound tea, $1.25; 10 pounds sugar, $1.60. Dickered for a plow, but metal tipped ones run high. Spoke to George about a loan, but he wants 20 per cent interest. Lydia thinks we should not go in debt.

February 10 — Still hankering after the plow. Got a little laid aside to buy Lydia a chest, and could use that money for part of it. Haven't mentioned it to Lydia. She sort of has her heart set on the chest. Warmer today, and the snow is taking its leave.

February 11—Still warm. Took some corn to the mill. Things are sure stirring there. Every one is trying to get his grain to the mill before the ice goes out. Couldn't get to mine. We're lucky to live so close; some have come as far as 50 miles. One of the men came home with me for supper tonight. Rode his horse down and bedded and fed it here. A wind is coming up from the north. Got right chilly while we were waiting for Lydia to get in bed. Seems like it took her a considerable time.

February 12 — Bill helped me chore before he went to the mill to do his bolting. He was a likable fellow. I wish I could remember his last name.

February 13—Haven't said any more to Lydia about the plow. Colder today.

February 14 — Formed a little ice last night. Cut more logs for the lean-to. Lydia had flummery (a dessert made of sponge cake and custard) for supper.

February 15—Took the sled to worship, and the sledding was not too good. Went with Lida and George to see where they are putting up the new college building. Lida gave me a copy of the Territorial Gazette and the Burlington Advertiser.

February 16—Went to the mill to get the meal. They were changing bolting, so I bought a piece for Lydia. She used part of it to hang over the bed, like Mrs. Singer's. Makes the cabin look real cozy. Some talk of a new school here, paid for by taxes. No telling how much they will be now with the expense of a state and all.

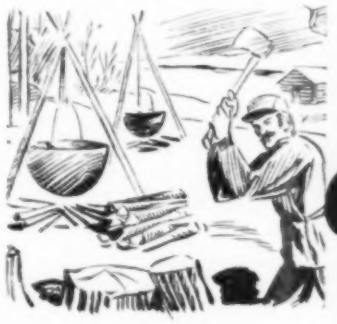
February 17—Lydia went over to Mrs. Singer's for a rag-sewing. Have been reading the paper Lida gave me, and like it a lot. See that they will take honey for subscriptions. If I can find an extra bee tree, I think I will have it sent to me. Seems like there never is enough money. I have been thinking on the school here. I am hoping for a son in June, and Lydia wants him to have an education as good as if he was born in Philadelphia. Still warm.

February 18—Have thought it out and went to the mill to leave word I was in favor of a school for week-days and a meeting-house for Sunday. I will help with the raising. Snow gone. Rained some.

February 19—Raining today. It is warm enough for sugar-making. If the taxes are too high, will just have to do without the plow and chest.

February 20—Ice went out this morning and the river has started to rise. Cut wood for sugar-making and set up supports for kettles. Started to rain, so finished with the spiles. Lydia is making shirts for me and fancy things for the baby.

February 21—Started the bucket and troughs a-soaking. Tapped some trees close to the house. Still smells like sugar-making weather.



February 22—Went to worship today. Muddy, and rolling on the wheels. Took a letter to leave with Lida to send. She said it would cost 25 cents. Seems like a sight of money, but haven't sent word to Mother for a long time, and want her to know about the baby. Sugar water has begun to run.

THIS DIARY

Grandma Short (Lydia Chandler) came as a bride to Riverside Farm in Henry county, Iowa, in 1844. From a history dictated by Mrs. Short, and from Mr. Short's records, Helen Virden, of today's Riverside Farm, has reconstructed a farm diary of the period.

This is what rural Iowa was like 100 years ago. Did your great-grandparents have experiences like these?

Wallaces' Farmer and Iowa Homestead will be glad to get extracts from old letters, diaries and newspapers on Iowa farming 100 years ago.

Now! An All-Purpose Flour

BLENDED AS CAREFULLY AS THE FINEST CAKE FLOUR

ROBIN HOOD
Orange Pinwheel Biscuits

You'll find Robin Hood Flour simply wonderful for making bread. But use it for all your baking. Your family will just love these delicious pinwheel biscuits.

RECIPE

¾ cup orange marmalade
3 tablespoons orange juice (1 small orange)
3 tablespoons melted butter
Dash salt
3 cups sifted Robin Hood Enriched Flour
4½ teaspoons baking powder
1¼ teaspoon salt
½ cup shortening
1⅓ cup milk
½ cup sugar
1 teaspoon cinnamon

Combine marmalade, juice, butter, dash of salt and pour into a well-greased 7 x 11 inch cake pan.

Sift flour, baking powder and salt together 3 times. Cut shortening in with a pastry blender or fork until particles are the size of peas. Add milk and stir thoroughly but quickly. Turn out onto a lightly floured board and knead about 15 times. Roll out to a rectangle about 8 inches wide and ½ inch thick. Sprinkle with the ½ cup of sugar combined with cinnamon and roll as a jelly roll. Cut into 1-inch slices and place cut side down into marmalade mixture. Brush tops with butter and bake in a hot oven 425° F. for 18 to 20 minutes until biscuits are well browned, and test done. Turn out while hot and serve immediately.

Makes about 1½ dozen rolls.

Bread, Cakes, Pastries—Results Are Guaranteed with this Wonderful $1,000,000 "Secret Blend"

Think of it—a household flour that's blended as carefully as the finest cake flour. *Yet you don't pay that extra cake flour premium to get it.*

Immense sums have been spent in developing this marvelous Robin Hood Flour—in seeing that this million dollar "secret blend" is just as fine as it can be. Careful control and testing make sure that every bit of Robin Hood Flour is absolutely uniform—never varies from the wonderful "secret blend" we have discovered.

Women say that this $1,000,000 "secret blend" gives them the very finest baking results. Bread with that finer flavor—the lightest and fluffiest cakes—the tenderest pastry.

So sure are we that this marvelous, Robin Hood Enriched Flour can do the same for you that every package carries a guarantee. If you don't get the finest results your grocer is authorized to refund your money plus 10% for your trouble.

Try Robin Hood Flour for all your baking. See what wonderful bread and cakes you make when you use the all-purpose flour that's blended as carefully as the finest cake flour.

ALUMINUM IS BACK

Every package of Robin Hood Flour contains valuable coupons that can now be exchanged for a large range of wonderful aluminum ware for your kitchen. Start saving these valuable coupons now.

For a time, Robin Hood Flour will come to you packed in a variety of gay, colorful print materials. Look for these lovely prints containing Robin Hood Flour at your grocer's. Below is the way a 50-lb. bag of Robin Hood Flour usually looks.

Robin Hood
ENRICHED FLOUR

FAST ACTING FLEISCHMANN'S DRY YEAST

Just dissolve Fleischmann's Dry Yeast according to directions on the package. It's ready for action in a few minutes.

Granule form saves time! Stays fresh for weeks! Scores new baking success!

• No more being "caught short" on baking day with no yeast in the house . . . no "spoiled batch" because yeast weakened before you could use it. IF YOU BAKE AT HOME—Fleischmann's Fast Rising Dry Yeast lets you make delicious bread quickly . . . *any time you want to.*

Easy to use . . . fast acting . . . Fleischmann's Dry Yeast stays full strength for weeks on your pantry shelf—ready for quick action whenever you need it. Use Fleischmann's Fast Rising Dry Yeast next time you bake. It will be as potent for weeks as the day you bought it. At your grocer's.

COUNTRY AIR

By ELIZABETH C. WHERRY

THE odors of hamburgers, popcorn and perspiration . . . The clink of pop bottles on cement steps . . . Cries of "Shoot! Shoot!" to the one with the ball . . .

Cheers and jeers . . . Pretty girls in short, full skirts turning handsprings in front of the cheer section . . . Fifth-grade boys climbing over fourth-grade kids on the front seats . . .

The smart smack of rubber-soled shoes on the floor . . . "Hi, Slats! Here!" from one player to another . . . "Dribble, dribble," from the crowd . . . Concerted groans when a ball circles and bounces back from the basket . . .

Tense stillness for a free throw . . . A consoling pat on the back from one man to a team-mate when a foul has been called . . .

Skinny, immature arms taking a chance on a powerful long shot . . . Wiry, long legs pumping down the floor toward the basket . . . The quiet tension as the guards work back and forth down the floor . . .

Three or four men in a heap—each one rolling up on his spine to lessen the shock . . . The sharp whistle of the referee . . .

Busy score keepers taking the names of substitutes . . . The god of the scoreboard, who touches a button and score flashes ahead—22—24—25—27 . . .

Perfectly sane adults pounding their neighbors . . . Dignified citizens shouting undignified slang . . . Village wags cracking advice . . . A thin cheer from the visiting section when they sink one in the basket . . .

"Butter-fingers!" . . . Sink 'er! Sink 'er!" . . . Last quarter, one minute left . . . Team is stalling . . . One more basket . . . Roars and groans . . . Every one on his feet . . .

Panting, sweating boys slumped in a heap for time out . . . A strictly unsanitary towel mopping up sweat and spreading germs . . . Coaches looking poker-faced . . . Skinny knees of bench warmers inadequately covered with jackets . . . Tough names on those jackets . . . Bullets, Raiders, Indians, Bombers . . . Thunderheads . . .

The janitor views the floor—pop bottles, apple cores and popcorn sacks. The odors of hot-dogs, popcorn and perspiration linger heavily. An American high school basket-ball game!

The basket-ball season is as much a part of every rural town as the post office or produce station. It gives the kids a chance to work off excess energy; it gives adults a chance to throw off inhibitions without waiting until national elections. It binds community to community thru rivalry, friendships and youth.

Every little school can find its squad of five men and a string of equal length for a second team. Every little community has a gymnasium or hall large enough for a basket-ball court.

A girls' locker room is flooded with superlatives and shrill joy if there has been a victory. If it's a lost game, it is a most excellent lesson in "getting it out of your system."

To see girls come from the showers, dressed, brushed and smiling, you'd never guess that a few minutes before, in shorts and bras, they were sobbing in each other's arms, mourning, "If I'd just made my free throws!" "It wasn't your fault, kid: honest, you were swell." "That tall old guard they had—the referee just never saw her fouls."

Wiping their eyes on slips, bath towels, or just letting the tears go, they rid themselves of pent-up emotions in a perfectly legitimate feminine manner, and gamely decide, "Better luck next time."

Too strenuous or not, girls playing basket-ball should become better women, because they have come to grips with sportsmanship.

Adults in general show less sportsmanship than the kids do. Coaches and school officials don't always set good examples—for which we, the communities, are no doubt to blame.

A coach or superintendent may do a lot of developing of personalities, but unless his teams win he is apt to be out of a job. We love to compete; we love more to win.

The pity of the basket-ball era is that a physical education teacher is hired in small schools only to have his time divided between left-over academic subjects and coaching teams for intra-mural games.

Only a small percentage of students benefit from his training to develop the human body. Little time is left over for sluggish circulation, poor posture, good muscular coordination for those who need it.

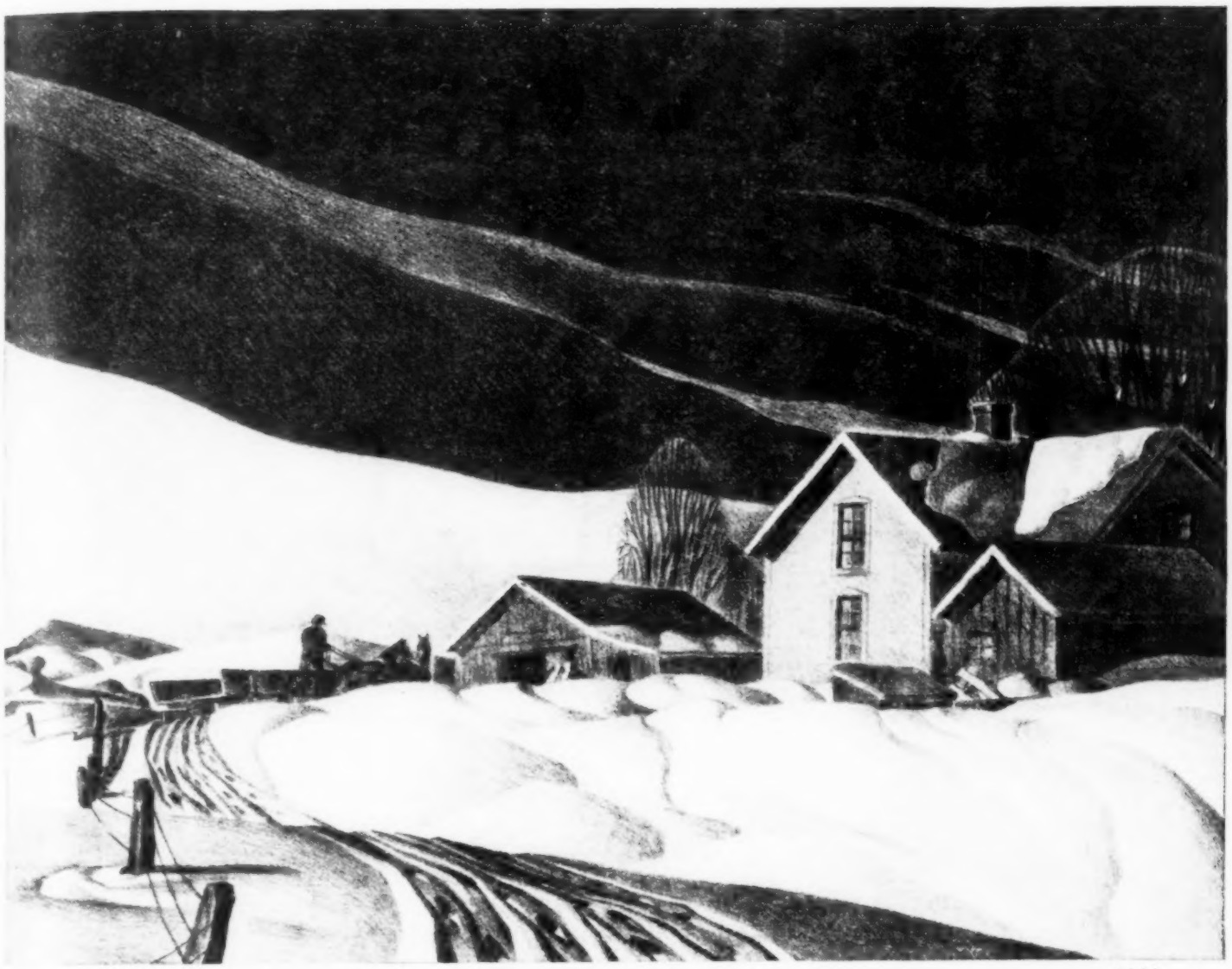
Physical defects and ability to coordinate should have a share of the tax-payers' cash.

Our rural districts haven't too proud a record on physical examinations, in spite of plenty of milk, vegetables and basket-ball games.

But it's a great game. Breathes there the man with soul so dead who doesn't get excited over a double-header basket-ball game with his blood pressure mounting dangerously high in the last quarter, he deserves to die of a cerebral hemorrhage brought on by worry over taxes, politics and his bank balance.

PART OF THE AMERICAN SCENE

Snowbound Farm . . .



© A.A.A.

"Midwest Morning," a lithograph by Dale Nichols. Very definitely a product of the West, this Nebraska-born artist instinctively loves the rich earth and all nature. His work has been exhibited throughout the country and he is well known for his picturization of rural life.

and it's Maxwell House wherever you go

Like the great farms of the West, Maxwell House Coffee is part of the American scene.

For generations the wonderful flavor of this famous coffee has been making friends everywhere in this nation of coffee lovers. Today, Maxwell House is enjoyed by more people than any other brand of coffee in America . . . enjoyed for its friendly stimulation and its rich, mellow, thoroughly satisfying flavor. Wherever you go it's Maxwell House Coffee Time . . .

Because 1. Fine Quality Coffees, from Latin-American highlands, are skillfully selected for that unmatched Maxwell House blend.

Because 2. Expert Blending—by master craftsmen, who know the special art of combining choice coffees for extra flavor goodness.

Because 3. Radiant Roasting develops the original flavor goodness of Maxwell House to its vigorous strength. Vacuum-packing preserves it, roaster-fresh, at the peak of its perfection!

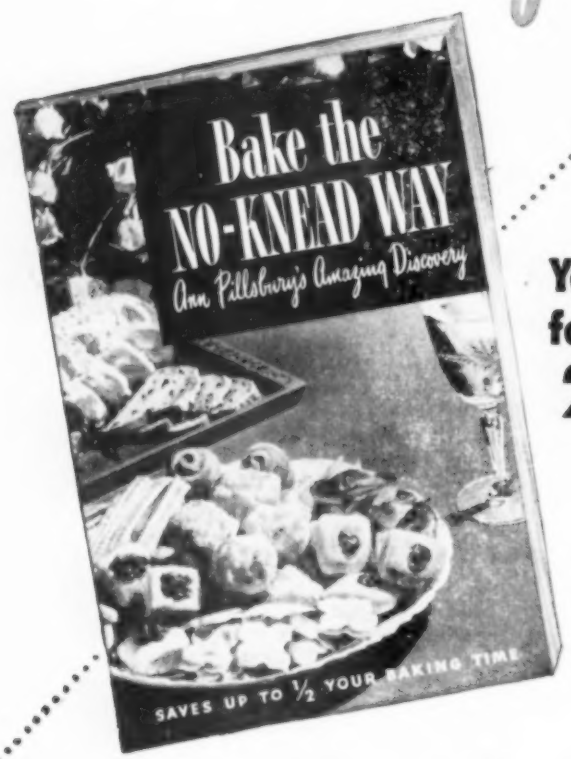
Tune in . . . Maxwell House Coffee Time . . . starring George Burns and Gracie Allen, NBC, Thursday night.

A Product of General Foods

GOOD TO THE LAST DROP!

No wonder it's bought and enjoyed by more people than any other brand of coffee in America

New Book Reveals Amazing "No-Knead" Discovery



Yours for only 25¢

Ann Pillsbury's new-way method saves up to ½ your baking time

Here it is—a *short-cut* way to bake bread, coffee cakes, rolls, fruit desserts—other special treats. *You don't knead the dough!*

Ann Pillsbury's colorful recipe book tells all.

64 pages, size 6 x 9 inches. It is just off the presses; first come, first served. Send ONLY 25c in coin.

CLIP AND MAIL TODAY

You bake your best with Pillsbury's Best

Nothing to buy—just send 25c

Pillsbury Mills, Inc., Box 1186, Dept. J, Minneapolis, Minnesota
I enclose 25c in coin. Please send Ann Pillsbury's colorful new recipe book.

*Name*_____

*Street or R.F.D.*_____

*City*_____ *State*_____

(Offer good in Continental U.S. only—expires May 1, 1946)

Pillsbury's BEST XXXX Food Products

Every Time You Sell Buy U. S. Savings Bonds

They're Easy to Make

No. 9287—Easy-to-sew all-around apron. Just two parts plus self flower-pot pocket and applique trim. Sizes, 14-20, 40-46.

No. 4603—This dainty nightgown has an empire waist with tie-back belt. Scallops may be edged with lace or bias binding. Sizes, 12-20, 38-46.

No. 9066—Pinafore frock (make some plain for school or play). This number adds a smart cape and hat. Sizes, 2-10.

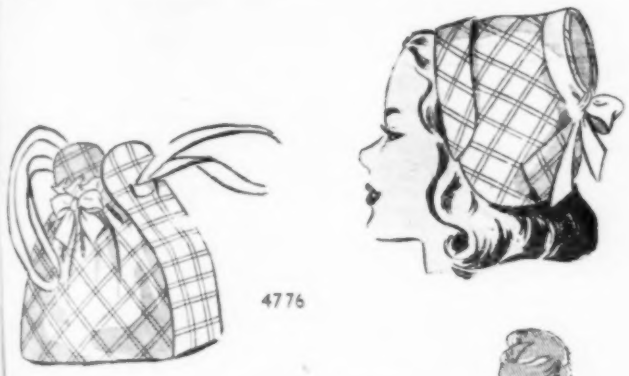
No. 4882—Smart midriff, all-purpose frock. A dress designed for your size. Sizes, 14-20, 32-42.

No. 4546—Clever as can be! No side seams, just wrap, button and tie it. Easy to sew, easy to iron. Sizes, 11, 12, 13, 14, 15, 16, 17, 18.

No. 4799—Easy as pie! Just straight seams to sew, back and front. No sleeves to set in. Sizes, 32-52.

Patterns may be secured for 16 cents each, in coin or stamps (coin preferred). Send your orders to the Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. There are still delays in mails so allow plenty of time for your order to reach you.

Made From Scraps



You can make the above from small remnants or used fabrics—some of them, even, from the "tail of a shirt."

No. 4776—Hat and bag set (with gloves). One size only. Use scraps left over from dresses.

No. 4781—A variety of gilets and neckwear to provide you with many costume changes. One size only.

No. 9485—Make this under-bodice with shoulder pads and the three dickies. Average size, about 15-inch neck.

No. 4683—A trio of dainty party aprons. All of them take mere scraps of fabric.

No. 4853—Sew these sweet dresses, matching coat and bonnet, while waiting. Sizes, 6, 9 and 12 months.

Patterns may be secured for 16 cents each, in coin or stamps (coin preferred). Send your orders to the Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. There are still delays in mailing, so allow plenty of time for your order to reach you.

Lady—
PAMPER Your Husband

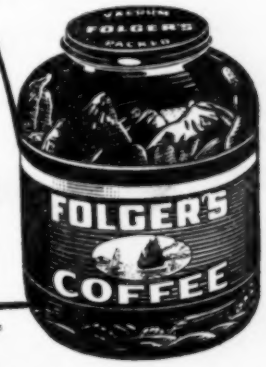
And Look For These
2 Exciting Things

1. HE GETS—Surprising New Enjoyment
Not Just Another Brand But A
BETTER KIND OF COFFEE

LADY—this is coffee *any* husband will love. It's a better *kind* of coffee—the choicest mountain grown coffees, blended and processed as only Folger knows how. Indeed, so different—so distinctive is the Folger Flavor, it is known as *the coffee with the flavor advantage*. So, lady, pamper your husband tomorrow with Folger's Coffee—and when you try it, look for these two exciting things in the *Folger Flavor Advantage*—(1) a surprising new enjoyment in coffee and (2) the surprising economy of quality.

2. SHE GETS—Surprising New Economy

Flavor So Rich You Are Urged to
TRY USING 1/4 LESS
Coffee Per Cup



COPYRIGHT, J. A. FOLGER & CO., 1945

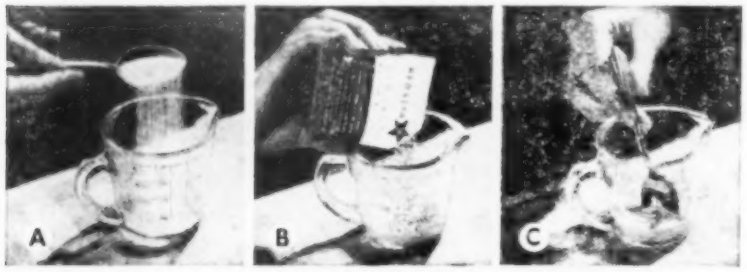
Mountain Grown
FOLGER'S COFFEE
THE COFFEE WITH THE FLAVOR ADVANTAGE

NEW! SPEEDY! INSTANT!
RED STAR DRY YEAST
AMAZES HOME BAKERS!

YOU CAN SEE IT WORK *INSTANTLY!* Try this new, quick yeast that starts working *instantly*. Get it at your grocer's in the handy *envelope* (see picture above). Find out why women are amazed at its speed and convenience.

See for yourself how speedy, *granulated* Red Star Dry Yeast starts working the moment you pour it into lukewarm water. It's full of pep . . . makes your bread, rolls, coffee cake, doughnuts lighter . . . more delicate. Its quick, positive "rising power" will amaze you.

Dated for freshness . . . Red Star Dry Yeast *keeps fresh* for weeks . . . at *full strength* . . . and remember, it needs no refrigeration! Next time you bake try this new, speedy yeast! You'll find it on your grocer's shelf with other baking ingredients . . . you can keep it on your pantry shelf at home.



AS SIMPLE AS A-B-C—Just do this and WATCH RED STAR DRY YEAST *WORK*—(**A**) In ¼ cup lukewarm water dissolve 1 teaspoon sugar. (**B**) Add contents 1 envelope New, Instant Red Star Dry Yeast. (**C**) Stir at end of 5 to 10 minutes . . . then use like any other yeast. You'll be amazed how much BETTER it makes your favorite recipes.

EVEN BEGINNERS QUICKLY MAKE BREAD LIKE THIS WITH *NEW, INSTANT* RED STAR DRY YEAST

Enjoy Kay Rogers' Easy Recipe

CINNAMON RAISIN LOAF

2 teaspoons sugar
½ cup lukewarm water
2 packages Red Star Dry Yeast
¼ cup milk
1½ teaspoons salt
½ cup sugar
5 cups sifted all purpose flour
2 eggs
¼ cup shortening, melted and cooled to lukewarm
1 cup raisins
½ cup sugar
2 teaspoons cinnamon

Dissolve 2 teaspoons sugar in ½ cup lukewarm water. Add 2 packages Red Star Dry Yeast. Let stand 10 minutes. Scald milk. Add salt and ⅓ cup sugar to hot milk. Stir well. Cool to lukewarm. Stir yeast solution thoroughly. Add to lukewarm milk mixture. Add half the flour. Beat vigorously. Stir in eggs and melted shortening. Beat well after each addition. Add raisins and remaining flour. Mix to stiff dough. Turn out onto lightly floured board. Knead for 5 minutes. Place in greased bowl. Brush top of dough lightly with shortening. Cover. Let rise in warm place 85°-90° F. until double in bulk (about 1 ¼ hours). Divide dough into two equal portions. Round up lightly; cover and let rest 10 minutes. Roll each half into rectangle (½ inch thick, 10 inches long). Sprinkle each piece with combined sugar and cinnamon. Roll jelly roll fashion. Seal edges. Place in greased bread pans (8½" x 4½" x 2¼"). Cover and let rise until double in bulk (about 1 hour). Bake in moderate oven (375° F.) for 45 minutes. Makes two loaves.

RED STAR DRY YEAST
NEEDS NO REFRIGERATION! KEEPS FRESH FOR WEEKS!

COOKERY CORNER

Crisp Molasses Cookies

½ cup of shortening
½ teaspoon of salt
1 teaspoon of ginger
½ teaspoon of cinnamon
¼ teaspoon of nutmeg
¼ teaspoon of cloves
½ cup of sugar
1 egg, unbeaten
½ cup of molasses
2 cups of sifted flour
1 teaspoon of soda

Blend shortening, salt and spices. Add sugar gradually and cream well. Add egg and beat. Add molasses and mix. Sift flour with soda, add to mixture and beat well. Drop from a teaspoon on a greased baking sheet and flatten with a floured fork. Bake in a 350-degree oven for 12 to 15 minutes. —Mrs. Gerald Poling, Franklin County, Iowa.

Baked Honey Custard

5 eggs
½ cup of honey
4 cups of scalded milk
¼ teaspoon of cinnamon
¼ teaspoon of salt

Beat eggs sufficiently to unite yolks and whites, but not enough to make them foamy. Add other ingredients and bake in cups or in a large pan, in a 325-degree oven. The baking dish must sit in water.—Mrs. John F. Dvorak, Cerro Gordo County, Iowa.

Salad Dressing de Luxe

½ cup of salad oil
½ cup of sugar
½ cup of vinegar
½ cup of catsup or chilisauce
1 teaspoon of salt
½ teaspoon of paprika
Juice of half a lemon
1 teaspoon of grated onion

Place ingredients in a fruit jar and shake vigorously. Makes one and one-half cups. Used at a chain of restaurants in California on raw vegetables. We like it immensely, and you will, too.—Mrs. J. C. Caldwell, Cedar County, Iowa.

Potato-Cheese Puff

1 tablespoon of butter
1 tablespoon of flour
½ cup of milk
1 cup of grated cheese
1 tablespoon of grated onion
½ teaspoon of salt
Dash of pepper
2 cups of mashed potatoes
3 egg yolks
3 egg whites

Melt the butter, add flour and blend. Add milk and cook, stirring constantly, until thick. Add the cheese, seasoning, potatoes and well-beaten egg yolks. Fold in the stiffly-beaten egg whites. Turn into buttered casserole. Bake in a 325-degree oven for 40 to 60 minutes.—Mrs. W. L., Iowa County, Iowa.

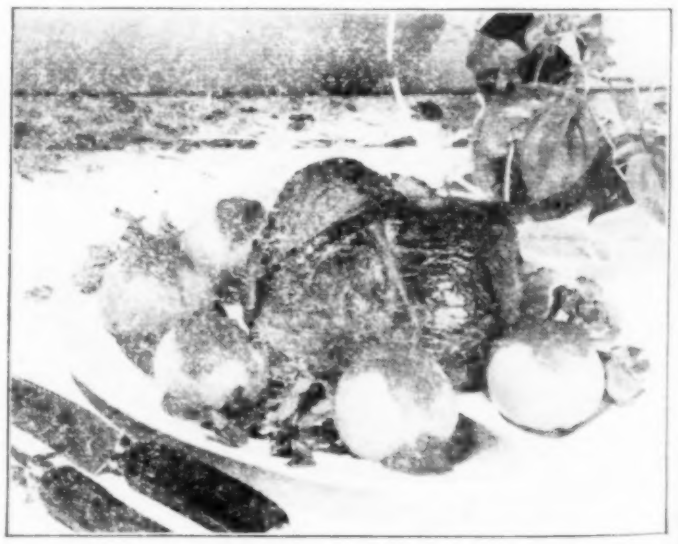
Creamed Vegetable Soup

2 cups of grated raw potatoes
1 cup of grated raw carrots
½ cup of grated onions
3 cups of water
3 cups of rich milk
1 tablespoon of butter
Salt and pepper
2 tablespoons of minced parsley

Cover vegetables with water. Simmer slowly one-half hour. Add milk, butter and seasoning. Heat until very hot—do not boil. Serve with crisp crackers.—Mrs. Anne Korff, Jasper County, Iowa.

Graham Cherry Delight

Crush 23 graham crackers to fine crumbs with a rolling pin. Add two tablespoons of confectioners' sugar. Blend with one third cup of soft butter. Save three-fourths cup of the crumb mixture and firmly press the balance into a large, deep pan or 2 shallow square baking dish, lining the bottom and sides. Use back of a spoon or your fingers to make an even crust. Bake the crust in a 350-degree oven for about 10 minutes—just long enough to set the crumbs. Let cool. Heat fou



Delicious, Savory Pot Roast

4 pounds of beef chuck
Clove of garlic
2 tablespoons of salt
¼ teaspoon of pepper
2 tablespoons of lard
1 cup of water
½ teaspoon of Worcestershire sauce
½ cup of chilisauce

Rub the meat thoroly with a bruised clove of garlic. Add salt and pepper. Brown the pot roast slowly on all sides in hot lard melted in a heavy kettle with a tight-fitting lid. Add water, Worcestershire sauce and chilisauce. Cover and simmer gently until meat is tender—about three and one-half hours. Turn the pot roast occasionally. Add more water, if necessary, a little at a time. Make gravy by thickening liquid with flour smoothed in water (one tablespoon of flour to each cup of liquid). Serves eight.

If your Home is Dim-lighted It's Easy to Get Modern Light with ALADDIN

It's so much nicer to live in a well lighted home. The children don't have to strain their eyes over their homework or play, and the older folks have comfortable light to read or work by. It's more economical, too, to have Aladdin light than to put up with old-fashioned dim lamplight.

Burns 6% Oil, 94% Air

FUEL COST ABOUT 1c AN EVENING

The first cost of an Aladdin is modest, and immediately it starts paying for itself in fuel saving . . . runs as much as 50 hours on a single gallon of kerosene (coal oil). Test of many lamps by 33 leading Universities showed Aladdin gives more than twice the light on half the amount of kerosene.

Don't Put Off Getting Modern Light

Don't continue to strain your eyes and spend miserable evenings when you can be enjoying the white light of Aladdin, unsurpassed by electricity for steadiness and whiteness. *And*, if you do get electricity some day, in less time than it takes to tell it, *you can change your Aladdin into an electric lamp*, using a simple inexpensive converter your dealer will supply. See your Aladdin Dealer at once about new Aladdin Lamps and colorful Whip-O-Lite shades.

Other ALADDIN Products
Electric Lamps, Shades
Vacuum Bottles to Keep Liquids Hot or Cold

MANTLE LAMP COMPANY
CHICAGO, ILL.

Mix This Cough Syrup at Home. Quick Relief

Easily Mixed. Needs No Cooking.

Here's an old home mixture your parents probably used. But, once tried, you'll always use it, because it gives such quick, pleasing relief for coughs due to colds.

And it's so easily mixed. Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking is needed. Or you can use corn syrup or liquid honey, if desired.

Now put 2½ ounces of Pinex (obtained from any druggist) into a pint bottle, and fill up with your syrup. This makes a full pint of truly splendid cough medicine, and gives you about four times as much for your money. It keeps perfectly, tastes fine, and lasts a long time.

You can feel this simple home mixture take right hold of a cough. It loosens the phlegm, soothes irritation, and helps clear the air passages. Eases the soreness, makes breathing easier, and lets you get restful sleep.

Pinex is a special compound of proven ingredients, in concentrated form, well known for its quick action on throat and bronchial irritations. Money refunded if it doesn't please you in every way.

MONEY-BACK, POSTAGE-BACK GUARANTEE

QUILT PIECES

FREE! 700 Yds. Thread!

Large colorful pieces. 3 lbs. (18 to 20 yds.) only $1.49 plus postage. Sent C.O.D. on Money-back guarantee. FREE! EXTRA! Seven hundred (700) yds. good white #50 thread FREE and 16 lovely quilt patterns all sent free to anyone. If not perfectly satisfied, just return quilt pieces keeping free sewing thread and free quilt patterns for your trouble and we will refund your $1.49 plus all postage spent BOTH ways! You be the judge. You can't lose. Could anything be more fair? Compare our offer and liberal guarantee with others. SEND NO MONEY! Just mail a card TODAY! Act NOW!

18 yds or more $1.49

FREE!

REMNANT SHOP, Box 463B, SESSER, ILLINOIS

Earliest Tomato

BIG, JUICY red tomatoes ripening as early as July 4th. Regular price, 15c per pkt., but to introduce Jung's Quality Seeds, will send you a pkt. if you will enclose 5c to pay postage and packing. Seed is sent in coupon packet worth 10c on future orders. Send for it today.

FREE America's most beautiful seed catalog in full color. Superb Vegetables, Flowers, Bulbs, Shrubs and Plants. Also Hybrid Corn, Vicland Oats and many other Farm Seeds.

J. W. JUNG SEED CO., Farm 12, Randolph, Wis.

FREE 1946 Garden Catalog Illustrated in Color

of hardy field-grown vegetable plants that produce crops three weeks earlier than home grown plants. Tells how to spray, plant, and cultivate cabbage, onion, lettuce, beet, broccoli, tomato, potato, eggplant & pepper plants. Get your catalog now before the supply is exhausted.

P. D. FULWOOD CO., TIFTON, GA.

—BUY U. S. SAVINGS BONDS—

The year-old daughter of Mr. and Mrs. Craig Findley, of Polk county, Iowa.

cups of drained sour cherries with one cup of cherry juice, one and one-half cups of sugar and two tablespoons of cornstarch. Stir the mixture until it thickens. Add one-fourth cup of ground almonds and let cool. When cool, pour into the graham cracker shell. Sprinkle remaining crumbs over top with additional chopped almonds if desired. Bake in a 400-degree oven long enough to brown. Serves eight.—Georgia A. Romig, Antelope County, Nebraska.

Lemon Sponge Pudding

1 tablespoon of butter
½ cup of honey
2 tablespoons of flour
⅛ teaspoon of salt
2 eggs
Grated rind of one lemon
2 tablespoons of lemon juice
1 cup of buttermilk

Cream butter; add honey, flour, salt and egg yolks; beat well. Add lemon rind and juice and buttermilk; fold in stiffly-beaten egg whites. Pour into four or five custard cups, put in pan of hot water and bake in a 350-degree oven for about 40 minutes, till brown, and set on top. Serve when cold.—Mrs. L. V. Couch, Antelope County, Nebraska.

Baked Noodles

2 cups of salmon
2 cups of cooked noodles
1 cup of bread crumbs
1 cup of milk
2 tablespoons of butter
1 tablespoon of flour
1 teaspoon of salt

Combine butter, flour, salt and milk. Cook, stirring constantly, until thick, and add salmon. Fill a well-greased casserole with alternate layers of creamed salmon and cooked noodles. Sprinkle each layer with bread crumbs. Bake in a 375-degree oven for 20 to 30 minutes.—Mrs. Blanche Claypool, Keokuk County, Iowa.

Steamed Pudding

½ cup of shortening
¼ cup of sugar
1 cup of syrup
2 eggs
2 cups of flour
1 teaspoon of sugar
1 teaspoon of cloves
¼ teaspoon of combination baking powder
½ cup of milk
1 cup of raisins, prunes, dates or figs

Put first four ingredients in a mixing bowl and beat with an egg beater until mixed. Sift flour before measuring. Then sift all dry ingredients together and add the first two mixtures, alternately with milk. Last of all, add the fruit, which has been dredged with some extra flour. Put into a greased flour mold and steam for three hours. Serve with cream.—Mrs. Martha Newberg, Webster County, Iowa.

SPICY GINGERBREAD

½ cup shortening (half lard, half butter)
½ cup sugar
2 eggs
2½ cups Mother's Best Flour
¼ teaspoon ginger
¼ teaspoon cinnamon
1/16 teaspoon nutmeg
Dash of cloves, allspice
½ teaspoon salt
2 teaspoons baking powder
1 cup lukewarm water
½ cup molasses
1½ teaspoons soda

Cream shortening, sugar until fluffy. Add egg-yolks, beat smooth. Measure sifted Mother's Best. Sift dry ingredients (except soda). Add large spoonful dry ingredients to creamed mixture. Beat smooth. Add part of liquid and repeat. Dissolve soda in 2 tablespoons additional water and stir into batter. Fold in beaten egg-whites. Bake in greased 8"x8" pan at 350 F. about 45 min. Serves 16.

Has a grand, spicy odor. Light and tender.

The tangy flavor of hot, spicy gingerbread is a welcome treat these wintry days. Your gingerbread will be light textured and stay fresh longer when it's made with specially milled Mother's Best Flour . . . the family flour that is vitamin enriched for better nourishment. Try it today in your favorite recipes. Enriched Mother's Best is guaranteed to give you perfect baking results.

50 Lb. Size
In Attractive Dress Prints

Mother's Best
All Purpose **FLOUR** *ENRICHED WITH VITAMINS*

WHY... SCRUB SCRUB SCRUB?

SUTHO SUDS

Cleans Dairy Equipment

EASILY! QUICKLY! BETTER!

Take out the drudgery! Let SUTHO SUDS—the modern new washing powder—do your cleaning with amazing thoroughness—without scrubbing.

SUTHO SUDS is powerfully penetrating—breaks down water tensions—frees and dissolves fats at once! Never forms curds. Milk machinery NEVER gums up with milkstone when SUTHO is the cleaner!

SUTHO SUDS contains no soap, no harsh alkalis, no acids, no rough abrasives. Yet it cuts washing time and effort to a fraction—keeps metals shining brightly—deodorizes perfectly—and disinfects as it sweetens, as it cleans.

SUTHO SUDS is better than any soap, soap powder or other water conditioning or cleaning agent for all dairy equipment. Try it today—it's at your grocer's!

ECONOMICAL, too and GUARANTEED!

SUTHO SUDS is concentrated for economy. You only use one tablespoonful to a gallon of water. And you can buy the large economy size (3 lb. 2 oz.) for only 65c.

SUTHO SUDS is guaranteed—If you do not think that it is better than any other soaps or cleaning agents, return the partially used package to your grocer and he will refund your money in full.

Buy Sutho Suds Today

SUTHO SUDS is BEST for

Milking Machines	Churns	Brass
Separators	Cheese Vats	Porcelain
Cans	Molds	Linoleum
Bottles	Aluminum	Wood Flooring
Pails	Chrome	

SUTHO SUDS INC. INDIANAPOLIS 5, INDIANA

Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

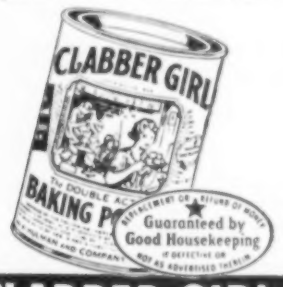
Yours FOR BETTER BAKING

Bring your favorite recipes right up to date by comparing them with the basic recipes contained in

TODAY'S BAKINGWAYS

Your name and address on a post card will bring you this new baking guide plus a copy of The Clabber Girl Baking Book, both free.

ADDRESS
HULMAN & COMPANY
Dept. R Terre Haute, Indiana



CLABBER GIRL Baking Powder

MEAT CURING MADE EASY

Meat Flavor Made Better by Old Time "Wright Way" Liquid Smoke Method

Wright's Ham Pickle sugar cure and Wright's Condensed Smoke save you work, time and meat—give a sure cure and finest flavor at low cost. All you do is pack your meat in Wright's Ham Pickle and salt—either dry or in brine form.

After curing, just apply Wright's Condensed Smoke with brush or cloth.

Wright's Ham Pickle contains everything needed to cure meats except salt. Wright's liquid smoke, condensed from natural hardwood smoke, adds wonderful, old time flavor. A large bottle of each cures and smokes 300 pounds of meat.

Wright's Smoke is also fine for barbecuing and cooking meats. At dealers everywhere.

FREE BOOKLET 36 pages butchering, meat curing information, recipes, etc. Free at dealers or write direct.

E. H. WRIGHT CO., Ltd., 2435 McGee Dept. I Kansas City 8, Mo.

WRIGHT'S HAM PICKLE ★ for Sugar Curing ★

WRIGHT'S Condensed SMOKE for Smoking and Barbecuing

Strawberry Plants

Giant Gem Everbearing, grows anywhere, long season, very prolific. Or improved Blakemore, spring bearer. 25 plants for $1. 100 for $2.95. 500 for $7.50. Free to introduce them: Rare Siberian Iris Root, $1 value. Cash orders prepaid or sent C.O.D. plus postage. Return at once if not satisfied.

OAKLAND STRAWBERRY NURSERY
R. R. 2; Dept. GB BLOOMINGTON, ILL.

FOX SCARFS, FINE FURS

Rich, stylish and useful; low in price when you ship your raw pelts to Cownie. Red fox, silver fox, mink, raccoon, beaver, every kind of hide and fur skin beautifully tanned and styled to your order. 30 years experience—100% satisfaction guaranteed. Ship your skins any time, and get our style sheet, prices, complete information.

COWNIE TANNING COMPANY,
501 Market Street, Des Moines, Iowa

GRAVY MASTER MAKES GRAVY MEN LIKE! 15c

Save Money, Buy Bonds

This child is dead. Refugees from Poland came to Berlin, part of the way on foot. This boy of three died in his mother's arms as she struggled along. (International News Photo.)

Hungry--Even in July

H. E. Skott, former Iowa farmer, assigned to special work with the United States army in Europe, and now with UNRRA, reports here on a visit to a camp of "displaced persons" last summer. The real pinch in food for Europe hadn't come then, of course.

ABOUT July 5, 1945, we worked on an assignment in a little rural village near Hamburg. We finished our work shortly after 11 a. m., and started to look for a place to eat.

The British M. P. on the street corner directed us to a "Displaced Persons" camp, not far from the village, where the British army maintained a "mess."

The camp proved to be a former German army barracks, but was now used by the British as an assembly point for the former "foreign workers" which the Nazis had forced or induced to come into Germany during the war.

The barracks are very substantially built, are modern and up-to-date in every way. However, there were more "displaced persons" at the camp than could be accommodated in the dwelling units. So the garages (in which the German army vehicles had been housed) were also used to shelter people.

Apparently, there had been an attempt at separating the different nationalities, as different flags were posted in front of the different buildings.

About every European nation was represented in these flags — Greece, Poland, Denmark, France, Holland, Norway, Czechoslovakia, Italy, Belgium, and probably others.

I inquired if there were any Danes, but was informed that all of them had gone home. There was a large proportion of Poles, and fewer of other nationalities.

Pretty soon, a long line began to form, each person equipped with a tin pail or saucepan, or other container. (Sometimes only an old tomato can—and not exactly sanitary looking, either!)

I asked a British soldier what all this was about, and he told me they were lining up for food.

Soon, the line began to move, and I noticed that at the head—which terminated at an open doorway, some one was dipping something out of a very large kettle.

Into each of the containers went a dipper of—something. I still don't know what it was.

I'm sorry I didn't let my curiosity get the better of me; my excuse is that we were dinner guests of the British—and it wouldn't do to offend them.

I think the food was oatmeal. It was about that consistency—perhaps a bit thinner—and it was about that color. Each one, when served, went his way and consumed the food.

I don't know if this was the only food they ever got, but it was all they got that noon. I think they could come back for a second helping if they wished.

The crowd seemed to be surprisingly cheerful about it all. I don't mean to imply that they were having a picnic at all; but they were orderly and not unruly.

Some looked quite well and strong. Others were plainly in poor health.

After we had had a good (but also somewhat plain) meal, we were granted permission to go about the camp and converse with the inhabitants.

This last was a bit difficult, for many of them spoke German only poorly. But we got along.

Some of the women were doing the family wash. From somewhere they had got some tin buckets, and, with the aid of a few paving bricks, made themselves open-air fireplaces and boiled their clothes.

I talked with a large, well-built Polish woman (one who looked as if she could "raise babies and milk cows"). She was going back to Warsaw, she said.

My visit was in July—not in the dead of winter. The people concerned were not Germans. They were those who had been enslaved and wronged by the Germans. They were our allies.

There is no reason to think that the British army was not giving them what it could afford, or what was available. What can it be like now?

AMERICA'S FIRST

AUDIBEL RATED RADIO

★ Now a new scientific measure of performance. Positive proof of balanced engineering. Beautiful table models, consoles and radio-phonographs. New electronic advancements. See your CLARION Dealer.

Clarion RADIO
FM and TELEVISION

Here's way to BUILD UP RED BLOOD to get more STRENGTH If you lack BLOOD-IRON!

You girls and women who suffer so from simple anemia that you are pale, feel tired, weak, dragged out—this may be due to lack of iron in the blood.

So start right away—try Lydia E. Pinkham's TABLETS—one of the best and quickest home ways to help build up red blood to get more strength and energy—in such cases.

Pinkham's Tablets are one of the greatest blood-iron tonics you can buy. Just try them for 30 days—then see if you, too, don't remarkably benefit. All drugstores.

Lydia E. Pinkham's TABLETS

FROZEN FRESH FISH

"FRESH FROM THE WATER TO YOU"

ORDER TODAY

This Special Assortment

25 lbs. Dressed Herring 25 lbs. Salmon
25 lbs. Northern Pike 25 lbs. Mullets

100 lbs. in box..... $15.00
½ of each kind..... 8.00

SMOKED FISH—READY TO EAT
10 lbs. in cartons
Whitefish, $3.50, Herring, $2.50

Write for fish folder and price list on your Guaranteed Fish.

LENT BEGINS MARCH 6

SAM JOHNSON & SON'S FISHERIES, INC.
Wholesale Fishermen Since 1897
Dock 5, Duluth 2, Minnesota

CLOTHES PINS

Strong Hardwood Wash Size.
5 doz. $1.00 Postpaid 10 doz. $2.00 Postpaid
Cash or Money Order. No C. O. D.'s

BROWN TOY CO.
Box 1002-B. LANSING, MICH.

PEACH TREES 9c, APPLES 15c. SEND CATALOG other fruit trees, plants, shrubs before buying. Salesmen wanted. Baker Nurseries, Higginson, Arkansas.

MALE HELP WANTED

Opportunity of lifetime supplying [illegible] and other profitable products to farmers. No experience or capital required. Must have auto and [illegible]. Permanent. Write or wire [illegible] McNESS COMPANY, Dept. 696, FREEPORT, ILLINOIS

Ten O'Clock Is Late

"WHAT time do you think 'teen-age boys and girls should be home when they are out on school nights? What time should they be home on Saturday nights?"

These are the questions that Wallaces' Farmer and Iowa Homestead asked a representative cross-section of Iowa farm people lately. How would you have answered?

We found that farm people are interested. Not only those who had 'teen-age people in their homes, but also the ones who had none. And perhaps the young folks won't like that, but it almost looks as tho the parents and the neighbors had connived on the answers to the question.

Paulette isn't a 'teen-ager yet, but her mother, Mrs. Wallace Evans, of Polk county, Iowa, thinks that young folks should be home by 10 o'clock Saturday night. Remember that, Paulette!

We found, on the whole, mothers were always more anxious to have their children home earlier than were fathers. It may be that fathers are as much concerned, but a little more lenient.

At any rate, while 34 per cent of the fathers felt that the children should be in by 10 o'clock on school nights, there were 41 per cent of the mothers who felt that this was a good time.

The half-hour between 10 and 10:30 may be a short time in the minds of the young folks, but it certainly was the dividing line for older folks. Only 15 per cent of the fathers were willing for their children to be out until 10:30 on school nights, and 13 per cent of the mothers. Here, again, the fathers were more concerned.

But folks who had no 'teen-age children were 14 per cent in favor of the 10:30 hour. This might well be so, because it would not be a burning problem in their particular homes.

There were a few broad-minded parents who thought 11:30 was the hour to be home on school nights, but the percentage was very low. For men, one-half of 1 per cent, and nine-tenths of 1 per cent for women—not enough to really count.

But Saturday night is a different story. Perhaps in your family Friday is the night when children are permitted to stay out later.

Anyway, in most families there is one non-school night when 'teen-agers can really celebrate.

As on school nights, the mothers felt that the earlier the hour the better. Strange, isn't it? But they are all pretty good sports, and only 24 per cent of them wanted the boy or girl at home by 11 p. m., and 13 per cent of the fathers thought that 11 o'clock was the hour for the family car to turn in the driveway.

Of course, a lot depends upon where the basket-ball game is held, how far it is to the movie, or what time the chores are finished, but for the most part parents felt that even on non-school nights the kids should be home by midnight. This hour was set by 42 per cent of the fathers and 41.7 per cent of the mothers.

The extension of a half-hour—making the hour 12:30—certainly a short enough time if you're out with a good-looking boy or girl friend — didn't influence the parents, for only 3 per cent of the fathers and 4 per cent of the mothers added this extra time for the trip home or perhaps for that flat tire that might occur between town and home.

A Tama county farm mother said: "Regular hours even for 'teen-age children are necessary. Sometimes, most of the growth made by youths is in the 'teens. We thing sleep is very necessary."

Another mother in Jones county expressed this opinion as to hours when 'teen-agers should be home. She said: "How can 'teen-agers be in by 10:30 when school boards and teachers insist on driving as far as 30 miles for basket-ball games twice a week. Games are seldom over before 10 or 10:30. We can hardly put the blame for their restlessness and late hours on the children alone."

Another mother, in Cass county, said: "It's pretty hard to expect the 'teen-agers to be in very early when a good many of their parents are still in town at 12:30."

FOR THE 'TEEN-AGERS

There's no question about how the parents feel about 'teen-agers getting in at night. But how do these young folks feel about the time limit? It's not fair for parents to have all the say.

Do you feel that you are being pushed too hard when the folks want you in by midnight on non-school nights? Is it hard to have to break away from a party before the others do, to get home on time?

Let's hear what hours you 'teen-agers feel are fair. Address your letters to the Homemaking Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

WE GUARANTEE

You'll Win a Baking Prize or Double Your Money Back!

Yes—use Omar Wonder Flour with the Omar Blue Ribbon Recipe shown here . . . and enter any baking contest. *If you don't win a prize, Omar will refund in cash double the cost of all ingredients used!*

No other flour would dare make this offer! Because *no* other flour has won so *many* baking prizes. *More than 13,000 prize ribbons for bread, cakes, rolls, pies and cookies!* Ask your grocer for a sack today!

OMAR CINNAMON TWISTS

Use This Omar Blue Ribbon Recipe . . . a Real Butter-Saver

1 cup sifted OMAR WONDER FLOUR
1½ teaspoons baking powder
½ teaspoon salt
2 tablespoons sugar
2 tablespoons shortening
1 egg
¼ cup milk
melted shortening
¼ cup cinnamon sugar

Cinnamon Sugar: ¼ cup sugar—½ tsp. cinnamomon—Mix thoroughly

Sift together flour, baking powder, salt, and sugar. Cut or rub in shortening. Beat egg and add milk. Mixing in only enough to moisten flour. Knead gently ½ *minute* on lightly floured board. Roll into rectangular sheet ¼ inch thick. Cut lengthwise into inch-wide strips. Brush with melted shortening and sprinkle cinnamon sugar on half of each strip. Fold uncovered portion of strip over cinnamon sugar. Twist strip. Coil and place on greased baking sheet. Bake in moderately hot oven (425° F.) 12 to 15 minutes.

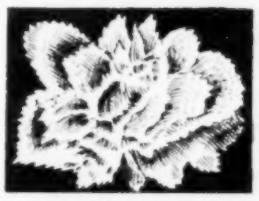
Gift Coupons Packed in Every Sack

OMAR WONDER FLOUR

FOR PANCAKES
LIGHT AS A COLORADO CLOUD!

RANCH HOUSE
The Only Pancake Mix with That True Western Flavor

40% HOG SUPPLEMENT
Users Report
MORE PROFITS FASTER
with
OMAR
"TAILORED RATIONS"



TWO *lovely* PERENNIALS 10¢

CARNATION and DELPHINIUM

This is my "Surprise" offer—Regular Price, 65¢—but you send only a DIME!

HENRY FIELD

I'm surprised—and I know you are going to be when you hear about this. I'm surprised I could do this, with flowers scarce as they are these days. But our folks at the seedhouse say we've got 'em. So I'm making this one of my biggest surprise offers in over 50 years' growing and supplying lovely flowers.

These perennials are HARDY, FULL FIELD GROWN—not seedlings. They bloom first year. Sell two for 65c from my catalog.

You are going to have another big surprise in this carnation. It grows in the garden almost like in a greenhouse. Really does. Gorgeous yellow. Fragrant; clean. Blooms all summer. The Delphinium of course is a lovely thing, too. Delphiniums always are. This is one of the finest. Delicate in color; tall, stately. An ornament to any garden.

I'm doing this because I want you and all of my other friends to have a copy of my new catalog. I'm in better position than most seedsmen, I believe, to take care of your needs in everything—vegetable, flower seeds; nursery stock, field seeds; hybrid corn; baby chicks. Catalog tells all about it. I'll send it, and also my magazine Seed Sense, free and postpaid. Fill in the coupon and enclose with your dime or stamps.

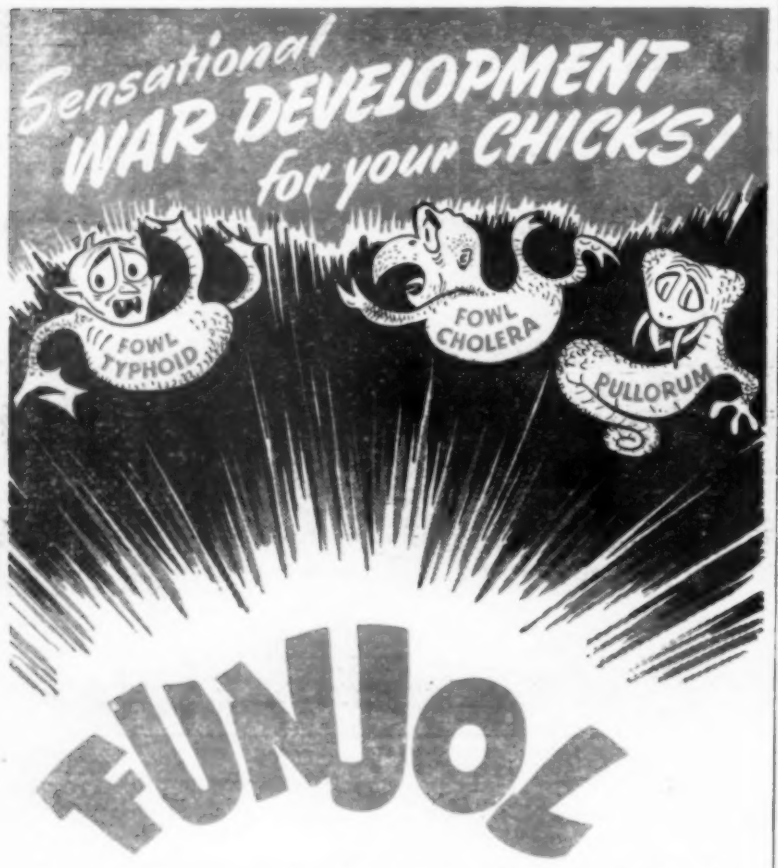
Midnight Blue DELPHINIUM

HENRY FIELD
SEED & NURSERY
2237 ELM ST.
SHENANDOAH
IOWA

MAIL THIS TODAY

Henry Field, 2237 Elm St., Shenandoah, Iowa
Dear Henry — Send me your surprise offer of the Two Perennials, Carnation and Delphinium, which sell for 65c. I have enclosed 10c.

Name .....
Postoffice .....
State ..... Rural Route .....



New Powerful Drinking Water

ANTISEPTIC

KILLS—PULLORUM, FOWL TYPHOID, FOWL CHOLERA *even in presence of* **5% DROPPINGS**

POULTRY RAISERS! *Here's the answer to one of your toughest problems!* Here's a smashing blow at disease and death that spread through drinking water! Here's protection you've never before been able to get . . . for your chicks, poults and birds of all ages.

FUNJOL—that's the amazing new formula—*that KILLS germs of Pullorum, Fowl Typhoid, Fowl Cholera,* in five minutes or less, even in water containing 5% droppings. And FUNJOL KEEPS KILLING those germs, *as they get into the water,* and as long as there's a drop of water in the fountain!

YOUR CHICKS ARE CRYING FOR THIS PROTECTION!

Yes, baby chicks and poults need this protection most. No amount of scrubbing and scouring will keep foreign matter out of the water once the chicks start drinking! Dirt, litter, spoiled feed, droppings, *germs . . . germs . . . germs!* When you clean the fount and find scum and slime and sediment, you know that chicks have been drinking this polluted water . . . *perhaps for hours.* What a mess for tender stomaches!

There's where the danger lies! There's the big cause of disease and death from drinking water! There's the need for FUNJOL!

Use FUNJOL Right From the Start! . . . A Teaspoonful to a Quart of Water

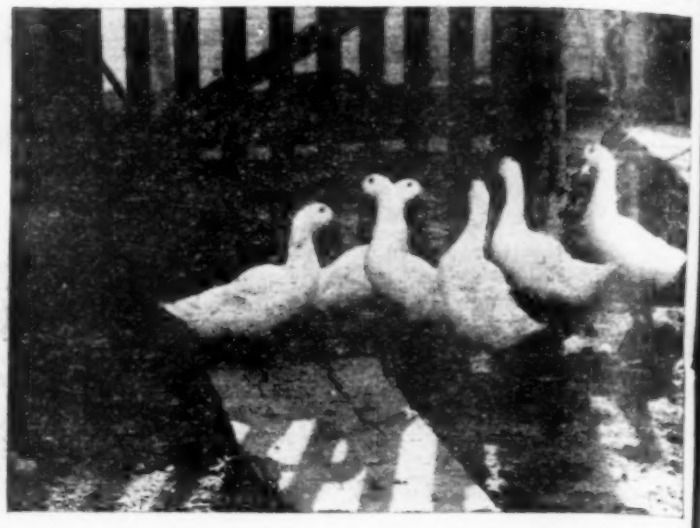
FUNJOL is simple and easy to use. FUNJOL is palatable . . . chicks drink readily. FUNJOL is non-corrosive, can be used in any kind of fountain.

Get the sensational, war-developed antiseptic . . . FUNJOL . . . at your local Hatchery, Drug Store, Feed or Poultry Supply Dealer. 8-oz., 75 cents; Pint, $1.25.

FUNJOL

A Field-Proven Sanitation Product, Manufactured by
THE GLAND-O-LAC CO., 1818 Leavenworth St., OMAHA, NEBR.

THE FARM FLOCK



Planning For Chicks

Don't Raise Too Many in a House Too Small

To the Editor: I have been very much interested in some of the plans for baby chicks which are floating around the neighborhood. People seem to be alert to the fact that it is necessary to plan many months in advance for their baby chicks.

Any number of hatcheries are sold out entirely for the season at this early date. One that I know rather intimately was completely sold out before an egg was set.

This is a wholesome situation. From things heard at neighborhood gatherings, I wonder sometimes if there is as much attention and thought given to the inventory of equipment for the coming season.

I recently heard a brooder house described as ideal for 350 chicks. "You can start 400 nicely, but 350 is just right."

When I ran that house down, it was 10x12—the size of our smallest one. It is true that one could start up to 400 chicks in it, but it is also true that you would want a place to put some of them—"but fast," according to my son's byword.

If I were starting straight-run chicks, I would not hesitate to put up to 400 in this house. When 10 days to two weeks old, I would sort out the cockerels and put them in another house.

That way, one would save the expense of two brooders for a while. But I would never put that many pullet chicks in a house of that size and expect to raise them there.

Another neighbor told me that he would like to get a house large enough for at least 500 chicks, and do it all at once with one brooder stove. If I were going to use a house large enough to carry out such an idea, I would put chicken wire partitions thru it and use more than one hover.

Chicks do better in small units. A hover which claims 500-chick capacity will carry about 200 thru to where they no longer need heat. It is a common fault to underestimate the growth and rapid development of a chick.

When making plans for a big chick order, fit it to the equipment you have. Don't count on a house that isn't built, because you may be able to build it, and maybe not.

Another thing to remember is that in this modern poultry world a flock worth raising is going to be laying at five months. It may start sooner, but you can count on moving pullets into permanent quarters at five to five and a half months.

What will you do with your present laying flock to make way for these youngsters? A "range laying shelter" is recommended by some poultry experts.

This sounds good, and quite successful, but from my own experience, I would expect the old to go out of lay immediately on being moved into new quarters.

I know of friends who have culled early and have cleared room in the laying house so early developing pullets could be housed.

I do not like that, for you do not mix hens and pullets without trouble. You track back and forth between the rooms and carry infection from one flock to the other, even if you are able to keep them entirely separated.

We solved the problem last year by selling our entire adult flock as soon as our hatchery obligation was ended. Eggs were low in price and feed was high. We took a loss in meat value due to hot weather.

Our time was free to care for this young flock, and the room was kept clean for them. The old birds were not turned out of the house up to the time they were sold. We think it was a profitable arrangement, and expect to do the same thing this year.

We were without eggs for a short while, and we learned some of the problems of people who buy eggs for the table. A very clever pamphlet used this slogan: "Let it never be said that your eggs spoiled some one's liking for fine food."—M. B., Jasper County, Iowa.

Clean Brooder House

Get Rid of Dirt and Parasites Now

ONE of the best ways to lose money is to wait until after the chicks have arrived to get the brooder house ready. Since we like to raise our poultry for profit, we mark down the time for our chicks' arrival in red crayon on our stock calendar.

Then, about 10 days beforehand, we start getting the brooder house ready. We do this for various reasons.

If you wait until later, you are not likely to do as thoro a job, and you won't have the time to make a test run with the brooder stove, and to do the little jobs of repairing that you had decided to do before you tried to raise chicks in the brooder house again.

Using an old broom, we start first in the rafters and sweep out dust, dirt and cobwebs, and from there on down we sweep and clean out debris. With a hoe, we scrape out any dried droppings and sweep them out.

Warmer? **Old-fashioned insulation, with corn fodder stacked along the north side of the chicken house. In Jasper county, Iowa.**

If there is a floor in the house, it should be scrubbed with warm water and a stiff broom. It won't hurt to do this with the walls.

Do all this thoroly. It will pay you to be thoro, for filth goes hand in hand with disease—and giving baby chicks a good start is half the battle.

Disinfecting comes next. There are many ways to do this, and a number of disinfectants on the market. Choose according to your preference.

And do a good job of disinfecting, making sure that you kill off any germs that might have lived over the winter, and any parasites that may have clung in crevices or cracks.

At this time, we go over the brooder house carefully, to see if it needs repairing. Does it need a new window or a new pane?

Perhaps the roof needs a few shingles to make sure that it will not leak; the door may need fixing, so that it fits right, and the latch works well.

Then move the house to a new location previously selected, on new clean ground, where poultry hasn't been for over a year, and where, if possible, baby chicks will have access to [illegible] later on.

Let the house dry out thoroly. Wash the windows clean, and be sure the ventilating system is going to work out.

Bank up the house on the outside around the floor, if you are starting chicks early in the year and want to keep in warmth and prevent drafts.

We start the brooder stove three days before we expect the chicks to arrive. It gets a good scrubbing before we put it up. We check the wick, and, if any new repairs are needed, we install these before we start the stove.

Thus we have time to make sure that the stove will work all right, and we have our thermometer installed to be sure we can regulate the heat properly.

What a lot of bother and grief are saved if the stove and house are in order and everything ready when chicks arrive!

With a floor, the litter should be in the house before the chicks come. We like corn cobs broken up as a litter for little chicks, but we cover them at first with several layers of newspapers.

This keeps the new chicks from eating the litter. We take out a layer of newspapers each day—thus leaving a fresh layer.

We use a large pasteboard shield around the brooder for a few days, to keep chicks from getting too far from the heat, and to keep them from piling up.

When this is removed, pasteboard is tacked in each corner, in round contour, to keep the chicks from piling up in the corners and smothering.

The feeders and waterers are cleaned, scoured and disinfected before the chicks are to come. Be sure there are plenty of them, and that they are not the type that will waste feed.

To start the chicks, we like to use two-quart-jar waterers and glass fountain bottoms. We like glass because it's easier to clean and keep clean.

For the first few days, we use egg-case flats as feeders instead of the regulation sort. We put a few handfuls of starter mash on the flats to let the chicks learn what it is.

Some poultry people think that it pays to dip each chick's beak in water and then in feed, as they are turned loose from the boxes in which they arrive.

Perhaps this is sound practice, but with us we have always found chicks alert and quick to discover feed and water.

Any smart poultryman knows it doesn't pay to overcrowd chicks in either the brooder or the laying house, and yet, year after year, many persons go right on doing that very thing. It doesn't work!

Three hundred is the largest number of chicks that should ever be put in one brooder house, no matter how large it is. At least one square foot should be allowed for every two and one-half chicks. Overcrowding causes cannibalism quicker than any other one factor.

Give your baby chicks a good chance to grow into thrifty chickens and yourself a chance to make profits by being all ready when the chicks come.—B. F.

Not Since I'm Getting

Kellogg's

CHICK STARTER

On this ration, I just gotta grow. And fast! That's d-e-f-i-n-i-t-e. So give me room, Boss, and keep the Kellogg's coming.

YOU can help your chicks get off to a flying start by giving them Kellogg's Chick Starter from the very first day. It contains every nutritional element chicks are known to need for fast, thrifty, vigorous growth... And it's so economical.

Kellogg's Chick Starter is another product of the skill, nutritional knowledge, and quality control, that have made Kellogg's world famous. That means you can feed it with confidence.

Your Kellogg Feed dealer will be happy to supply you with all the Kellogg's Chick Starter you need. Call him today and place your order early.

Helps Promote

★ HIGH LIVABILITY
★ FAST GROWTH
★ ECONOMY

KELLOGG COMPANY
OMAHA, NEBRASKA
BATTLE CREEK, MICHIGAN

Hy-Line CHICKS
The NEW KIND of Chicks - Bred Like Hybrid Corn

You Should Have This New Hy-Line Catalog

Contains facts about Hy-Line egg production on 105 farms and in Illinois Egg Laying Contest. Tells about the new method of breeding that enables Hy-Lines to average 30% to 54% more eggs than standard breeds. It's FREE.

Write for Your Copy Today

Hatcheries Producing Hy-Line Chicks in Iowa

Alexander	Alexander Hatchery
Buffalo Center	Grotewold's Farm Store
Coon Rapids	Rippey-Miller
Johnston	Hy-Line Poultry Farms
Dyersville	W. J. Lammers
Grinnell	Rudkin Hatchery
Indianola	Stewart's Hatchery
Lake Mills	Grotewold's Farm Store
Marengo	Marengo Hatchery
Mt. Pleasant	Baxter Hatchery
Sac City	Sac City Hatchery
Washington	Ramseyer Hatchery

If There Is no Hatchery Listed in Your Community, Write Us Direct.

Hy-Line POULTRY FARMS
JOHNSTON, IOWA.

Stouffer's Chicks
U. S. Approved and Tested Flocks

White, Brown, Buff Leghorns, Anconas, Rocks, Wyandottes, Reds, Orpingtons, $12.95. Also sexed chicks. AAA Matings, 1c per chick higher. Get complete prices. Heavy Assorted, $7.95. Light Assorted, $6.95. Leghorn Cockerels, $1.95. Collect.

SADIE STOUFFER HATCHERY
Waddams Grove, Illinois

Brood Stock 250-350 Egg Sired
White Leghorns $8.25
Baby Pullets **$14.95** Cockerels **$2.45**
4-Week-Old Pullets
MOSS HATCHERY, Box WF, Windsor, Mo.

WHITE LEGHORNS
UNSEXED $9.90—PULLETS $15.90
BARRED ROCKS
WHITE ROCKS
WHITE WYANDOTTES
S. C. REDS
$9.90 per 100 Prepaid
FREE CATALOG
Explaining 2 week replacement guarantee.
U. S. Approved U. S. Pullorum Tested
R. O. P. Foundation Breeding
SCHLICHTMAN HATCHERY, Appleton City, Mo.

CHICKS From FRED KIRCHER
ALL FLOCKS BLOODTESTED
Big, strong, healthy Baby Chicks, pay. Your choice: Big Type White Leghorns, Brown Leghorns, White, Barred and Buff Rocks, White Wyandottes, Buff Minorcas, Buff Orpingtons, Rhode Island Reds. Postpaid if Cash with Order. **$9.90** Per 100
Assorted Chicks, $7.90. Hurry. Order from Ad.
ADRIAN HATCHERY, Box A, Adrian, Mo.

FREE! 21" all metal toy dump truck with each order of 300
STOUFFER'S CHICKS
U. S. Approved—Pullorum Tested
Write today for details.
We offer 11 varieties. Sexed or unsexed. Immediate delivery. Satisfied customers in every state. Guarantee 100% arrival. Prepaid. Write for complete prices and catalog.
STOUFFER'S HATCHERY LENA, ILLINOIS

Julian's *Famous Bred-To-Lay* Chicks
Bloodtested—Bloodlines as high as 354 eggs

WHITE LEGHORNS		WHITE ROCKS	
Straight Run	$8.90	Straight Run	$8.90
Pullets	$14.90	Pullets	$11.90
Cockerels	$3.40	Cockerels	$8.40

Postpaid—Free Catalog—Big Discounts
JULIAN'S HATCHERY Box 67-41 Clinton, Missouri

GOLDEN VALLEY CHICKS
U. S. Approved, Bloodtested, Scientifically culled to live, lay and be profitable. White Rocks, Barred Rocks, White Leghorns, White Wyandottes, New Hampshires, Austra-Whites.
St. Run as low as **$7.45** Also 2 and 4 week Started Chicks
Write for 3 week replacement guarantee and big discount on early orders.
GOLDEN VALLEY HATCHERY
Dept. G Parkville, Missouri

WHITE LEGHORNS Unsexed $8.95 — 95% Pullets $15.45
Barred Rocks, White Rocks, White Wyandottes, S. C. Reds, Heavy Asstd. $7.95. Cockerels $3.95 up.
$8.95 UP F.O.B. 100% LIVE Guarantee
FREE CATALOG. 25 Breeds
Bloodtested—Egg Bred—High Livability.
Big savings on early orders. Started Pullets. Write today.
THOMPSON HATCHERY, Box 1337-T2 Springfield, Mo.

COLONIAL Austra-Whites

Best grade rich in 200-300 egg R.O.P. blood. Double tested for pullorum. As hatched or sexed. Vigorous, rapid growth, excellent broilers. Customers report over 200 eggs per hen. Big Catalog free. COLONIAL POULTRY FARMS, Shenandoah, Iowa

RELIABLE DUCKLINGS
MAMMOTH WHITE PEKINS
Ducklings from quality breeding stock available every week in the year at very reasonable prices. Write, RELIABLE DUCK FARM, Zeeland, Mich.

PIGEONS Old Live Common Pigeons Wanted. Large quantities. Top prices.
RUSS ELLIOTT - - RAYTOWN, MISSOURI

28 LEADING VARIETIES
BROOKFIELD "BIG MONEY BRED" CHICKS
250-325 Egg Trapnest Foundation Breeding
Profit-ability bred-in, fed-in, hatched-in! Many generations 250-325 egg individual-pedigree sires. Progeny proved for high livability, fast growth, profitable production. Famous egg strains in all 28 varieties. 18th year of Pullorum bloodtesting assures top-notch livability.

Special DISCOUNTS on Orders for 300 or More CHICKS

Big Volume Permits *LOWEST PRICES!*
Large scale production at small profit margins enable us to price our chicks out of the high price brackets . . . give you honest-to-goodness egg breeding at sensible, low prices.

FREE *CHICK MANUAL and CATALOG*
A complete Poultry Raiser's Guide . . . 24 pages full of helpful information PLUS our Illustrated Catalog FREE! Get this unique catalog and our low prices before you order chicks. Write for it today!

Satisfaction GUARANTEED 4 WAYS
Prompt Delivery! Live Arrival! Sex Accuracy! Livability!

BROOKFIELD CHICKERIES Bx. 113 -Brookfield, Mo.

WHITE LEGHORNS
World's Famous Barron Strain, Pedigreed Sired

AAA Day Old Straight Run	AAA Day Old Pullets	Baby Cockerels	4 wk. old Pullets
$8.90	$15.90	$2.90	$25.90

ALLEN HATCHERY Box WF WINDSOR, MO.

Information Please, Mr. Lewis—
About the items I have marked with an X.
- ☐ BROODERS that are loaned FREE
- ☐ LOW COST BABY CHICKS
- ☐ SELLING Big Premium HATCHING EGGS
- ☐ LEWIS STARTER and HI-TEST EGG-MASH
- ☐ CUSTOM HATCHING at a low cost
- ☐ Big 130-page FREE Poultry Guide
- ☐ OUR MISSIONARY LETTERS PAPER. FREE.

Now paste this Ad on penny postal and mail to—

W. G. LEWIS, Pres.

Hear the Daily Poultry Shop Talks: KFAB, Lincoln, 7:45 a. m.; KSOO, Sioux Falls, 6:45 a. m.; KGFX, Pierre, 2:00 p. m.; KMMJ, Grand Island, 4:00 p. m.

THE LINCOLN HATCHERY
726 P STREET LINCOLN 1, NEBRASKA

R. O. P. SIRED CHICKS
AS LOW AS $4.95 PER 100 DELIVERED
Buy your Baby Chicks this season from one of the OLDEST and LARGEST HATCHERIES in the MIDDLE WEST. Established 1902—500,000 baby chicks each week. Also Broad Brested Bronze Turkey Poults and White Pekin Ducklings from BREEDERS on our OWN FARMS. All breeding stock, culled, banded and blood tested for B.W.D. by STATE LICENSED INSPECTORS. ALL POPULAR VARIETIES straight run, all pullets or all cockerels. Write today for our chick catalog that is entirely different from all other chick catalogs.
THE PIONEER HATCHERIES OF THE MIDDLE WEST
K. I. Miller Hatcheries, Lancaster, Missouri; Omaha, Nebraska; Des Moines, Iowa. Dept. 109.

Get a New Start — Replace Old Birds — Earn a BIG Steady Income with

BUSH'S STARTED SEX-ED CHICKS $3.95 UP
Wh. Leg. Pullets Save 20%
Per 100 C. O. D. F. O. B.
BUSH customers ordered 30,000,000 chicks during war. We have the world's largest combined Hatchery-Broodery, over 20 most popular breeds. All flocks supervised by Bush. Over 200,000 customers in 48 states. It pays to buy Bush's best. Day old pullets (up to 300 egg strain) $10.95 up. Hand-picked big Eng. Wh. Leg. 4-6 wk. PULLETS Save 20%. Spec. broiler cockerels, $3.95 up.
FREE 1946 Egg-Record Calendar Catalog. Gives prices, terms, guarantees, discount, etc. WRITE TODAY.
BUSH HATCHERY Box 433-P1, Clinton, Mo.

NOW ZEELAND HATCHERY TURKEY POULTS ARE GUARANTEED!
The Zeeland Hatchery now protects you with this complete 4 point guarantee:
1. Guaranteed 100% Live Arrival
2. Guaranteed Livability for 10 days
3. Guaranteed delivery within 1 week of date promised
4. Guaranteed true to name and description

This is your insurance—your protection. Be sure to get all the details before you order Poults. No other hatchery makes this guarantee!

Brood Breasted Bronze—White Hollands—Bourbon Reds
Special Early Order Discounts now in effect.
Special low prices on February and March Poults.
Our Big 24-Page Turkey Catalog and Guide is free—Send for the 1946 Edition today!
The Zeeland Hatchery DEWITT BROS. **Zeeland, Michigan**

RHEUMATISM
ARTHRITIS NEURITIS SCIATICA
Why continue to suffer the agonizing pains of these diseases when the usual remedies have failed. Learn about a new trustworthy, modern, non-surgical treatment method. This marvelous treatment is completely explained in the Ball Clinic's FREE Book. Write today. No obligation.
BALL CLINIC, Dept. 3600, Excelsior Springs, Mo.

FISH

50 lb. box large frozen Lake Herring	$3.00
Smoked Lake Herring, ready to eat, 10 lb. box	2.00
100 lb. box large Carp	6.50
25 lb. box Walleyed Pike	6.25
25 lb. box Northern Pike	3.25
Choice smoked fat Buffalo Fish, 10 lbs., ready to eat	2.50

Quality guaranteed. Write for complete price list.
LESTER FISHER FISH CO.
Box 13 MARINETTE, WIS.

FOR SALE: Outstanding opportunity. One of Iowa's finest dairy farms. 102 acres of fertile land on main paved highway 7 miles west of University at Iowa City, close to grade and high schools. Has fine nine room modern house, 30 stanchion barn with milking machine, two tile silos, fully equipped milk house, large feeding floor and other necessary buildings. $27,000. Owner will carry first mortgage of $15,000 at 4%. Immediate possession.
WHITING KERR REALTY CO.
119 E. College St., Iowa City, Iowa

—Keep the Bonds You Have and Buy More—

TO EASE PAIN OF SIMPLE PILES
Try the "Old Reliable"
For over 50 years, good old medicated Sayman Salve has been helping suffering people ease the painful soreness of simple piles. Containing not just one, but THREE well-known medicinal ingredients, Sayman Salve helps to soothe, cool and protect tender, irritated membranes, soften hardened parts, lubricate dry tissue. Acts as a comforting and palliative agent. 25c and 60c. All druggists.
SAYMAN SALVE

ORDER DIRECT — PROMPT DELIVERY

	Non-Sexed Per 100	Pullets Per 100	Cockerels Per 100
Wh., Br. Rks., S. C. R. I. Reds	$ 8.90	$13.40	$ 8.90
N. Hamp. Reds	10.90	13.90	9.90
Buff Minorcas	10.90	17.40	3.50
White Leghorns	8.40	14.40	2.40
Started Pullets		$24.50 per 100	

ALEXANDER'S POULTRY FARM
WF230 Windsor, Missouri

MODEL CHICKS
ENGLISH TYPE WHITE LEGHORNS
AAA GRADE

Straight Run	Pullets	Cockerels
$9.90	$16.90	$2.40

BARRED ROCKS, WHITE ROCKS
S. C. REDS, BUFF ORPINGTONS
AAA GRADE

Straight Run	Pullets	Cockerels
$9.90	$13.90	$8.90

3-4 Wk. Old Started Pullets
LIVE ARRIVAL PREPAID
ALEXANDER'S MODEL HATCHERY
CREIGHTON, MISSOURI

MARTI'S FULL 4 WEEK OLD WHITE LEGHORN PULLETS
250-350 PEDIGREED SIRED
4-WEEK PULLETS **$25.50** Baby Cockerels $2.75
100% LIVE ARRIVAL—FREE CATALOG
MARTI LEGHORN FARM, Box T, Windsor, Mo.

We are now taking orders for
Our 1946 Champion Chicks
We have one of the best equipped farms in the Middle West—stocked with the finest blood lines in America. We feature nine pure breeds and two cross breeds. If it's Real Quality You Like —Send for our Price List.
BOLSON POULTRY FARM
D1, Decorah, Iowa

COLONIAL CHICKS

FIRST for 16 consecutive years because of LOW PRICES, high quality and service. Leading purebreeds, crossbreeds. SEXED, if desired. U. S. Approved, Pullorum Tested. BIG 4-color CATALOG and POULTRY BOOK. Both FREE!
COLONIAL POULTRY FARMS, Shenandoah, Iowa

BUY ROSCOE HILL CHICKS...
for greater profits. 8 egg and meat breeds improved by hundreds of pedigreed males from 200 to 311 egg trapnest hens have established profit making ability. Customers in this area and adjacent states recognize Roscoe Hill chicks for top grade eggs and meat stock demanded on today's premium markets. Chicks sexed or unsexed. Write today for prices—early order discounts. Free Catalog.
ROSCOE HILL HATCHERY
903 R Street Lincoln, Nebraska

LUX R. O. P. Leghorns
Iowa—U. S. Certified Chix and Eggs. 20,000 daughters and granddaughters of our ROP hens with records of 200 to 332 mated to ROP males from hens with records of 300 to 351 eggs. 22 years breeding experience. Iowa's largest ROP Leghorn Breeding Farm. Catalog.
LUX LEGHORN LAND FARMS, Hopkinton, Ia.

MOTHER MILLER CHICKS
FAMOUS LAYERS SINCE 1912
Two big hatcheries; 34 years' experience; our own breeding farm. Hardy, northern-bred stock. Popular and leading breeds. We ship AIR EXPRESS! Write for FREE BOOK and prices. The Miller Hatchery, Department 95, Bloomington, Illinois.

U. S. Approved Pullorum Tested Chicks
We have pleased thousands with our honest service and honesty. 100,000 chicks hatched weekly. Popular varieties. Breeders for these fine old chicks are band selected, banded and tested. Also sexed or unsexed. Prices always right. $9.95 per 100 and up.
KAUP'S MAMMOTH HATCHERY
Box 8E PRINCETON, INDIANA

WHITE LEGHORN PULLETS

SELECT PULLETS—CHOICE GRADE	AAA	AAAA	AAAAA	Key Flock
2 to 3 weeks old — Per 100	19.90	23.90	25.90	27.90
3 to 4 weeks old "	28.95	30.95	31.95	33.95
4 to 5 weeks old "	29.95	31.95	32.95	35.95
4 to 6 wk. open range "	38.95	34.95	37.95	39.95

100% delivery. Give express office; send M.O. Cat Free
BUSH White Leghorns, Box 433-TD, Clinton, Mo.

THE ZEELAND HATCHERY northern bred chicks. Proven money makers. These breeds are our best: Big English, White Leghorns, White and Barred Rocks, New Hampshires, R. I. Reds, White Wyandottes. Also these two sensational hybrids: Minorca Leghorns and Austra Whites. Prompt service—liberal guarantee. Buy from Michigan's largest and most modern hatchery. 32 page catalog free.
THE ZEELAND HATCHERY ZEELAND, MICH.

THOMPSON'S CUT PRICES!
All leading breeds. Also sexed chicks and hybrids. Our large production assures real cut prices on lowest priced standard grade up to R.O.P. pedigree sired. Catalog free.
Tilmer Thompson Hatchery, Elmore, Minn.

EXTRA LARGE DUCKLINGS
Fast growing Long Island White Pekin Ducklings. 10,000 weekly. Write for early order discount. Hatch every week, year around.
DE VRIES POULTRY FARM, ZEELAND, MICH.

THE ZEELAND HATCHERY offers the two most profitable hybrids. Minorca-Leghorns (Black Minorca Males crossed with Big English White Leghorn females) and Austra Whites (Black Australorp males crossed with Big English White Leghorn females). These amazing crosses produce bigger birds, lay more eggs plus better livability. We also have all popular pure bred chicks. Send for big 32-page Catalog.
THE ZEELAND HATCHERY ZEELAND, MICHIGAN

STOUFFER'S
U. S. Approved Pullorum Controlled N. H. Reds
PULLETS $22.00 PER HUNDRED
STRAIGHT RUN $14.00
Guaranteed to Satisfy
STOUFFER'S POULTRY FARM
Clarence Stouffer, WADDAMS GROVE, ILLINOIS

RAISE WYNGARDEN BROAD BREASTED BRONZE TURKEY POULTS
Bred from selected Northern bred stock for livability and economical production of premium meat. Also White Hollands. Send for new 16 page Turkey Raisers Book. It's free!
Wyngarden Farms & Hatchery, Box 18, Zeeland, Mich.

WHOLESALE PRICES DIRECT TO YOU! 20 breeds finest guaranteed chicks. Amazingly low prices. Free catalog. Wayne Hatchery, Wayne City, Illinois

(STOCK - EGGS)—Runft's International winning Ducks—Geese—Bantam—Guineas. (25 varieties.)
RUNFT, REINBECK, IOWA

The Turkey: Bird Of Mystery

You Can't Tell What Turkeys Will Do Next, But They May Make Money for You

THE longer I tend turkeys, the less I know of them, for the turkey is an unpredictable bird.

When I came back to the farm in Texas to stay, I bought 17 baby turkeys, just for the fun of them. I had fun, and I got a new slant on the farm situation.

I decided that turkeys constitute the best money crop on any man's farm, so they ought to bring me in a good income. I determined to go into the turkey business.

These first turkeys I tended myself. I tended the hundred that I got the next year. When I got a thousand the following year, I needed help.

A small boy could do all that I could do unaided, I decided, so I shopped about for a boy who would meet my needs.

The first boy had no interest in the farm; the second was cruel to turkeys; Tommy, the third, was a born turkey man. I use this term advisedly, for a turkey man is born, not made.

Tommy handled the birds with sympathy, keeping them quiet and unruffled, treating them with such understanding that they followed his every footstep.

One bird in particular insisted on riding on Tommy's hat or his shoulder, or nestling in the crook of his arm.

Tommy and I learned that year. We noted these characteristics:

Turkeys respond to kindness or to unkindness, being highly sensitized to either. By nature, they are gentle birds and will sit or lie wherever placed if they have been given kindly treatment.

A harsh tone or word seems to upset a turkey's entire nervous system; it is so frightened that it refuses to eat until calmed by gentleness.

Turkeys can not be shooed, as chickens. Loud cries excite them. They have to be coaxed, in kind tones and unhurried manner.

My first idea was a sloping porch with steps or shelves at intervals—and I envisioned the birds filling each shelf from the bottom to the perch to the top. I found this impractical.

Every turkey wanted to perch on the top. That upper roost was soon filled.

Then the other turkeys moved about, discussing locations, until an aspiring bird would fly to the top, which was always overfull, and try to find lodgment.

He would disturb the peaceful possession of the desired perch, and several would come tumbling to the earth, only to fly back up again and bring down another shower of indignant birds.

After a while—a long while—the flock would settle down on whatever perches they could find room. My next perches were only two feet high, all the same height.

The birds enjoyed being on a level. Since the perches were so low, they were not so likely to bruise their breasts if they fell to the ground.

Turkeys are susceptible to diseases and have to be watched carefully. Conditions that kill turkeys may have no effect on chickens.

When baby poults follow a turkey hen, as is the custom of small flocks, they are under rigid discipline of the mother. They learn obedience early.

If the little ones start into a field, and the mother hen calls them back, they obey instantly.

She has taught them danger signals that they dare not disregard. Even I have learned to give my turkeys certain warning signs.

Turkeys are creatures of habit. If they learn to go to a certain part of their pen to get water, or if they feed at a certain part of the pen, they will be disturbed if feed and water are given them at other locations.

If a new pen is made, it is wise to locate the feeding and watering places in the same respective parts of the new pen as they were accustomed to in the old enclosure.

This aversion to change was demonstrated one evening when I followed my custom of sitting on a low roost and waiting for the flock to follow me, and finally to come to rest for the night.

Usually they came in with me,

They're Peculiar Turkeys get notions, says this writer, even about the shoes their caretakers wear.

A Flock to be PROUD of . . .

Give Hens that need a "Lift" this Alert Flock Care

Mix AVI-TAB in the Mash

Easy-to-use, popular Poultry Tonic

Every poultry raiser wants a fine, *good-looking flock* . . . a flock to be *proud* of. This calls for good management practices, proper sanitation, scientific feeding and *alert flock care—all* are important.

Make sure your flock has *every* help it needs. Be on the *lookout* for birds that need a *"lift"*. Dr. Salsbury's Avi-Tab may *help* such birds. Just mix it in wet or dry mash. Avi-Tab is an *easy-to-use*, popular poultry tonic. *Low in cost*, too.

Thousands of progressive poultry raisers use Avi-Tab. Many report how it aids birds recovering from a *convalescent condition* . . . how it helps such birds *"perk up"*. Ask for *genuine Dr. Salsbury's* Avi-Tab at hatcheries, drug, feed, and other stores, *now*.

DR. SALSBURY'S LABORATORIES, Charles City, Iowa

A Nation-wide Poultry Service

Whenever your flock needs help, ask your dealer for "Dr. Salsbury's" *poultry medicines, fumigants, disinfectants, vaccines and bacterins.*

When *stuffy, congested nostrils* hold back your birds, help them breathe *easier* with Dr. Salsbury's Can-Pho-Sal. Helps loosen mucous and phlegm. Use as a spray, inhalant or cleansing nasal wash.

GET THE GENUINE Dr. Salsbury's AVI-TAB FOR BIRDS THAT NEED A "LIFT" BUY WHERE YOU SEE THIS EMBLEM

EASIER Brooder House DISINFECTING *with Pleasant* PAR-O-SAN

Buy genuine Dr. Salsbury's PAR-O-SAN *at hatcheries, drug, feed, other stores, today.*

Dr. Salsbury's **PAR-O-SAN** PLEASANT POULTRY HOUSE DISINFECTANT

Temporary relief for symptoms of bronchial

ASTHMA AND HAY FEVER

The patented inner construction of the nebulizer, produces micro-fine droplets, making a completely inhalable vapor which permits the medication to reach the bronchial area.

CAUTION: *Use only as directed.*

ASTHMANEFRIN COMPANY — *Nebulizer & Solution AT YOUR DRUGGIST*

Walko TABLETS FOR ALL POULTRY

The reliable drinking water antiseptic. At all druggists and poultry supply dealers. 50c, $1.00, $2.50 and $4.00.

MONEY BACK GUARANTEE

WALKER REMEDY COMPANY, Waterloo, Iowa

FREE 1946 CATALOG

52 pages of new and used tractor repairs for most all models. Financially large selection. Quality guaranteed. Dependable service. Low prices.

ACME TRACTOR SALVAGE COMPANY
LINCOLN NEBRASKA

Acid Indigestion

Relieved in 5 minutes or double your money back

When excess stomach acid causes painful, suffocating gas, sour stomach and heartburn, doctors usually prescribe the fastest-acting medicines known for symptomatic relief—medicines like those in Bell-ans Tablets. No laxative. Bell-ans brings comfort in a jiffy or double your money back on return of bottle to us. 25c at all druggists.

5 WAYS TO HELP YOUR Chicks

5 improvements, added to the famous Sargent Starter formula—to help give your chicks a fast start—that's the improved

Sargent MultiRich Starter

Sweetened with Omalass, a Dextrose Sugar feed

Look at these 5 added features:

1. More Proteins
2. More Minerals
3. More Vitamins
4. Added Conditioners
5. Digestive-Enzymes

Think what these 5 PLUS values can mean to YOUR chicks—to help build strength, vigor, vitality, fast growth. Ask your dealer—it may not be possible for you to get as much Sargent Starter as before, because we would rather maintain the high quality, than sacrifice this for quantity. You can be sure that every bag bearing the Sargent seal is the same high standard, famous for 50 years.

SARGENT PLANTS
DES MOINES, IOWA
Algona, Iowa—Monmouth, Ill.
Fremont, Nebr.—Waverly, Mo.

"Better Switch to Multirich"

Hen Comfort A concrete floor, a good ventilator and plenty of light in this Dallas county, Iowa, poultry house.

played for a while, then went to roost. One moved to sit on my lap. Another pecked at my apron strings until he untied them. Still another untied my shoe laces. These tricks were played each evening one whole summer.

But not on this special night!

The birds would come to the door, stop, talk excitedly, then go back. I coaxed them to enter. They would quiet down, come to the entrance of the shelter, pause, retire, and begin a wild chattering.

Each time they approached, I was sure that they would come in. Whatever it was that was disturbing them had surely gone or they would not come near. But each time they disappeared again.

Finally I began to notice that they looked at my feet when they entered. I looked down at my feet. Then I understood.

I had not changed into my turkey yard shoes, and this irregularity made it impossible for the birds to enter the shelter.

I went to the house, changed my shoes, came back, took my place on my perch and waited. Soon some of the turkeys came in. They saw nothing out of the ordinary, so they entered and at last settled for the night. All was again serene in turkeydom.

I learned to my sorrow that turkeys peck holes in spotted dresses. One summer, I wore a polkadot dress. Soon, all the dots on it were pecked out until a lace-like strip showed above the hem. Corresponding blue spots on my body indicated the force used to peck out those dots.

Anything out of the ordinary is disturbing to the turkeys, day or night. The perches will be filled with birds with heads hanging low, dangling at the end of limp, lifeless necks, sound asleep.

A little, timorous, half-grown rabbit comes hopping about the turkey yard, feasting on scraps of feed left by the flock.

Suddenly, the dead come to life. A cry, a whir of wings, the sound of heavy bodies striking the earth, then wild chattering that slowly dies out as bird after bird returns to the roost. Stampedes like this may happen several times a night.

Turkeys injure their breasts, reduce their salability when they fall to the ground with violence, as they sometimes do in the rush of a stampede.

Even turkey handlers must learn to lay a bird on the ground on its side so that it may rise without injuring its tender breast.

Turkeys do not attack those who tend them, but it is not wise to get so close to them that they might strike at the eyes. They would be apt to peck at them—from their love of bright things.

All turkey raisers do not succeed. Perhaps it is because they do not realize that a factor in success is to study the psychology of the turkey. Harry Marckel, of Floydada, Texas, says:

"The turkey has a lot of sense, f you allow him to use it."

Be that as it may, no one is apt te succeed with turkeys unless he studies and respects the temperament of the bird.

Perhaps the main requisite for success in turkey raising is that the one who handles turkeys must love them. Nothing but a great love of the bird can give one the patience to bring it to successful maturity.

Perhaps there is no other phase of farm life where love is so necessary to the equation.

Turkeys are delicate, subject to disease, sensitive, requiring tenderness of treatment. They are perceptive, sensing readily a lack of sympathy in their handlers.

They must not be hurried, disturbed in their routine, nor driven—they must be treated as individuals.

If you can keep these characteristics in mind; if you love to pick up a bird, nestle it to you and whisper words of endearment to it; if you can go the slow, deliberate gait they like; if you can do all these things, and be happy in the doing, you are eligible to become a turkey raiser.

If you feel the slightest degree of impatience with turkeys, and, in spite of this, are considering raising them, my advice is compressed into this one word: Don't! —Laura V. Hammer.

Dr. LeGear's A-A Poultry Tabs

Yes, from the very day you get your baby chicks this spring . . . give them the benefit of Dr. LeGear's A-A POULTRY TABS in THEIR DRINKING WATER!

A-A POULTRY TABS cost SO LITTLE . . . and help you protect your chicks against that *bothersome—troublesome* problem almost every chick raiser has to solve: simple diarrhea.

Be prepared! Get Dr. LeGear's A-A POULTRY TABS from your drug, hatchery or feed store . . . BEFORE YOUR CHICKS ARRIVE!

DR. LEGEAR'S A-A POULTRY TABS

DR. LEGEAR MEDICINE CO. ST. LOUIS 16, MO.

S-O-S Shellbuilder Oyster Shell

ARE YOU HAVING HEN TROUBLE?

Not enough eggs to pay the feed bill? SHELLBUILDER will help!

Ask YOUR DEALER for Shellbuilder (Pure Reef Oyster Shell)

Write us direct for FREE copy of "The Shellbuilder Story"

Shellbuilder Co.
Dept. 3 Houston, Texas

Be Sure Your **POULTRY LITTER** is Antiseptically Treated

Ask for HYGENO

No germs, no mold! Hygeno Litter is pure, clean because it's antiseptically treated. Protects chicks from cold. A fine, resilient, highly absorbent litter.

Free Booklet
16 pages of information on chick and poultry hygiene. Get your copy.

HYGENO Litter Co.
1651 N. W. Bank Building
MINNEAPOLIS, MINNESOTA

HYGENO Poultry Litter

TOP CASH FOR FEATHERS

CEILING PRICES FOR NEW and used feathers. Ship your feathers to this old, reliable house and receive top cash. GOOSE—white or grey, $1.37½ lb. DUCK—white or colored, $1.10 lb. TURKEY—wing body, 50c lb. Highest prices also paid for goose, duck wing and tail feathers (quills), and for used feathers. Remittance same day. No delay in handling. All shipments accepted. Bedding must contain natural down. Send samples of your feathers for quotations. PROGRESS FEATHER CO., 657 W. LAKE ST., CHICAGO 6, ILL.

Toxite KILLS Red Mites Bed Bugs

Spray brooder house and saturate litter to control coccidiosis.

Spray roosts and other breeding places, kills red mites, bed bugs, blue bugs, roosts, cockroaches, ants, and similar pests. Use garden sprayer. Treatment lasts for months. Also kills mite. FOR COLDS—Spray thick mist over birds in closed house once or twice a day. Ask your dealer or write TOXITE LABORATORIES, BOX 17, CHESTERTOWN, MD.

WE PAY SHIPPING CHARGES. White or Grey goose $1.37½. White or colored duck $1.10. Quills 15c. Send samples of used feathers for prices. Southtown Feather Co., 6754 So. Halsted St., Chicago 21, Ill.

BUY A SHARE IN U. S. A.!!

FRESH FISH

FROZEN, SALTED or SMOKED

Order direct. Only the choice of the catch are selected for our mail order customers.

Get your fish supply now while weather is cold. Save on shipping cost by ordering 100 lbs. or more. All prices F.O.B. Duluth.

TRY THIS LENTEN SPECIAL

50 Lbs. of Delicious Fish — 20 lbs. Dressed Lake Trout; 15 lbs. Dressed, Headless Ling Cod; 15 lbs. Round Northern Pike — $11.25

Double the above amount (100 lbs. of fish) $22.00

25 lb. Box Fancy Pack Dressed Herring, per box $2.75

25 lb. Box Fancy Pack Round Herring, per box $2.25

15 lb. Carton, Sealed, Dressed and Headless Herring $2.50

DELICIOUS SMOKED FISH Ready to Eat (Smoked Daily) Packed in 10 lb. Cartons.

Whitefish (Tubillees) $3.50 — Trout (Chunks) $4.50

Mullets $2.50 — Cisco $5.00

Mullet Fillets (Delicious) $5.00 — Finnan Haddies 15 lb. Box $5.75

Write for Free Catalog and Price List

SIVERTSON BROS. FISHERIES

Bonded and Licensed Dealers. Producers and Distributors of lake and ocean fish.

362 Lake Ave. South

DULUTH, MINNESOTA

Old Reliable BLACK LEAF 40

KILLS CHICKEN-LICE and Feather-Mites

4614

Lice and feather-mites can be destroyed quickly, easily and with very little cost. Apply to roosts according to directions.

SAVES LABOR

Saves time and saves handling the chickens. Buy only in factory-sealed containers to insure full strength.

TOBACCO BY-PRODUCTS & CHEMICAL CORP.

INCORPORATED • • • LOUISVILLE 2, KENTUCKY

LOOK FOR THE LEAF ON THE PACKAGE

Don't let

COCCIDIOSIS

RUIN your chicks

Your chicks deserve a GOOD start. Give them D.E.D. in their drinking water for the first 10 days to help prevent and to treat COCCIDIOSIS. Then give FOWLTONE in their drinking water, as a tonic, to help them stay peppy and gain rapidly.

Thousands of wise poultry raisers have followed Dr. Jespersen's program for years with fine results!

Only $2.75 a gallon for either D.E.D. or FOWLTONE. Both are safely used in regular poultry fountains.

At your dealer's or sent prepaid on receipt of check or money order. On C.O.D. orders you pay delivery charges. Ask for FREE pamphlet on poultry diseases. Dealer inquiries invited.

Dr. Jespersen's LABORATORIES

SPENCER Poultry Health Aids IOWA

BEWARE OF PIN-WORMS

Recent medical reports reveal that an amazing number of children and grown-ups may be victims of Pin-Worms—often without suspecting what is wrong!

Watch out for the warning signs that may mean Pin-Worms in your child or yourself—especially the tormenting, embarrassing rectal itch. Because now you can and should do something about it. After centuries of distress caused by Pin-Worms, a highly effective way to deal with them has been made possible. It is based on the medically recognized drug called gentian violet.

This special drug is the vital ingredient in P-W, the Pin-Worm tablets developed in the laboratories of Dr. D. Jayne & Son. P-W tablets are small and easy to take, and they act in a special way to remove Pin-Worms.

So if you suspect this ugly infection, ask your druggist for JAYNE'S P-W and follow the directions. Satisfaction guaranteed or your money back.

It's easy to remember: P-W for Pin-Worms!

TEN DAY FARM SALE—Starts March 1st. Eleven Choice Unit Farms. Price on each reduces each day of sale. Write for details.
GRAHAM LAND OFFICE MARSHFIELD, WIS.

Sarah Jane Says:

Weather Fools Hens

To the Editor: There isn't much to write in regard to our flock. The weather has been so tipsy of late, bouncing back and forth from 40 degrees above to 8 degrees below zero, that our hens couldn't make up their minds whether to lay or not.

I discovered that some of them had some lice, so I painted the roosts. I spent quite a while that morning in cleaning. I like to have the house clean when I paint the roosts.

The strong winds have torn at the glass-cloth on the windows of the laying house, until it looks all ragged on two of the windows. I am going to tear off this glass-cloth and replace it with some muslin sacks.

I have the windows open today and the sun is shining in on the hens. They seem to enjoy it very much.

I have cleaned out the damp litter in the laying house. This means cleaning a strip down the center and around the drinking fountain.

Last week, I made a house dress by a shirt-waist pattern. I had to piece it some. Two feed bags are not enough without piecing. I have another dress to make, but I have a rose-color plain sack to put with the other two (of figured print), so maybe I can have a nicer dress.

Our last few loads of corn are now in the crib. Since he got this gathered, I have heard remarks like this from the man of the house:

"I don't see what all these people mean having corn in the field yet, do you?"

This morning the cows refused to cross the river to get to this field—they seemed to be afraid of the ice.

They will probably go when the track is good enough. The tractor and the trailer, used to haul wood, make a good track.

I mentioned in my last letter that the women of our community had been sewing, mending, making comforts, and packing and shipping these things, which will be sent to Europe or to some of those of our own country who need them.

It is very interesting work. I am sure if our situations were reversed, these people would be glad to help us, and, if not, I'm sure they're welcome, anyway.—Sarah Jane, Warren County, Iowa.

"Yep, I need a hired man, but first I must see if my mule likes you. If she doesn't kick or bite you, you're hired."

No one knows what we women go through!

Yes, "The Care and Feeding of Chickens" is closely akin to the care and feeding of children.

An important factor is correct diet . . . "from brooder to broiler." Vitamin deficiency is as dangerous in chickens as in children . . . a sufficiency of "A" and "D" reduces chick mortality and assures proper growth. And, because SEA PEP contains a natural oil, it provides these vital vitamins in the best way.

An oily mash is better liked. It reduces the dust and prevents loss in sifting from your bag.

VAN CAMP LABORATORIES

Division of Van Camp Sea Food Co., Inc. • Terminal Island, California

SEA PEP BRAND Vitamin Oils

"A" and "D" FEEDING OILS OF QUALITY

NO OTHER MINERAL GIVES YOU THIS

Anyone can make a mineral. But only the "know how" that goes into building Corn King can give you genuine Corn King feed lot results. We call it "Element X," that EXTRA ingredient which combines the famous secret of its complex compounding, the scientific controls, the years of field experience which have made it more than just another mineral. Yes, for Corn King feeding results, it pays to ask for Corn King by name.

For All Livestock and Poultry

Corn King MINERAL COMPOUND

Barlow, Wright & Shores, Inc., Cedar Rapids, Ia.

TURKEY RAISERS:

Order... MIXA BROAD BREASTED BRONZE POULTS . . . Now!

Mixa poults are always off to a good start because they are the result of an exacting control program from start to finish. Our breeders get their eggs from flocks that they themselves hatched! Close supervision is constantly maintained over these key flocks to the extent that they are disease-free from the time they are hatched until they are placed in breeding pens. And all of our birds are just two generations away from the key flocks. Your choice of Hamiltons, California Farms, Ramonas — *all from U. S. Pullorum Clean Flocks.* 100% live delivery guaranteed.

mixa TURKEY Hatchery

Started Poults Now Available

Wire or phone collect for prices on one to four week-old poults. They've been bred right—fed right—properly cared for. Phones: 2804—2921.

315 South Washington • REDWOOD FALLS • MINNESOTA

Future Profits depend on their
WELL DEVELOPED BODIES

The calves you select as future milk producers need special feeding help.

A calf, when dropped, usually weighs under 100 pounds. Two years later, as a heifer, she may weigh 750 to 1,000 pounds or more. These growing calves need plenty of calcium, phosphorus and Vitamin D to help them build the large, strong bodies that will stand up under heavy milking.

FAST-GROWING PIGS *especially* need plenty of calcium, phosphorus and Vitamin D to help them build the sound framework necessary to produce profitable pork quickly.

Fleischmann's Irradiated Dry Yeast is a rich, *economical* source of Vitamin D for all four-footed animals. The next time you buy feeds, concentrates or minerals, make sure the words "Irradiated Dry Yeast" are on the feed tag.

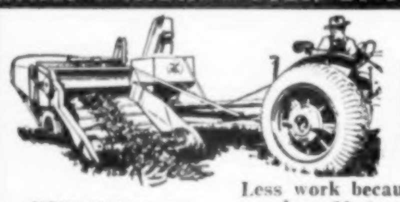
$3.50 POSTPAID 5-POUND PACKAGE

If you can't obtain feeds, concentrates or minerals containing Fleischmann's Irradiated Dry Yeast, see your dealer or send $3.50 for the postpaid 5-lb. FIDY package. Include name of your dealer. Contains enough Vitamin D for 6 calves and 8 dairy cows for one year or 40 pigs to market size and 6 brood sows for a year. Feeding directions with each package. Address STANDARD BRANDS INCORPORATED, Desk WF-2.

FREE BOOKLET—Send today for your free copy of "Vitamin D for Four-Footed Animals at Low Cost." Address STANDARD BRANDS INCORPORATED, Desk WF-2.

Fleischmann's
IRRADIATED DRY YEAST
STANDARD BRANDS INCORPORATED
AGRICULTURAL DEPARTMENT
595 MADISON AVENUE . . . NEW YORK 22, N.Y.
Rich in VITAMIN D For Four-Footed ANIMALS

INNES WINDROW PICK-UP FITS *any* COMBINE
CLEAN · LIGHT · EFFICIENT
EASY TO ATTACH & AND RUN

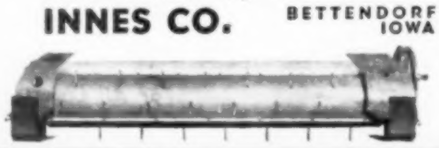


Plan now for
LESS WORK, MORE PROFIT

NEW SPRING FINGER FOR STONY AREAS. Easy, on-the spot repairs. Replace any finger simply by removing 3 screws, taking out damaged finger, putting in new one, and screwing back in place.

Less work because Innes will not wrap or clog. 30 to 40% lighter, it can be attached oy one man in a few minutes. More profit, because it gets in the entire harvest quickly and easily, yet costs little. No other pick-up can copy these exclusive Innes features: the patened stiff finger that gets all the heads and the exclusive piston action that picks up the entire windrow. See your dealer or write

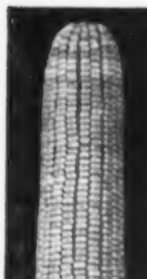
INNES CO. BETTENDORF IOWA



PAT. BY INNES COMPANY - BETTENDORF, IOWA

McCURDY'S FREE CATALOG

SINGLE CROSS AND DOUBLE CROSS Hybrids



Over 20 different hybrids. Earliest to latest maturity — Thoroughly Tested — Scientifically bred — Properly sorted and dried — Accurately graded. Outstanding Line-Bred SINGLE CROSS Hybrids that grow uniform plants and ears. Finest corn you've ever seen. Stands better — picks easier, and yields better. Proven superior DOUBLE CROSS hybrids. All high yielding varieties of excellent grain quality. Big, new colorful catalog gives complete information about growing, processing and varieties. Write for free copy today.

SINGLE CROSS VARIETIES ADAPTED ANYWHERE IN THE MID-WEST

AGENTS-DEALERS: Attractive dealerships available in territories where we have no representatives. Earn more with the complete McCurdy line. Write today for details.

W. O. McCURDY & SONS DEPT. 105 FREMONT, IOWA

Buy a Bond to Help Your Country and to Help Yourself in Later Years

Tight Ends in feed troughs can be made by using wagon box strap-irons threaded on one end and riveted to the sides of the trough. Bolts hold better than spikes and don't split the sides.

Bedbugs and Chickens

To the Editor: The poultry house on our place is badly infested with bedbugs. We are planning to move to another farm. Will the bedbugs ride along with the chickens and infest the new place?—O. W., Emmet County, Iowa.

The bedbug which infests humans is sometimes found in considerable numbers in chicken houses. Bedbugs and chicken mites hide in the crevices and in other favorable places in the hen houses. They do not remain on the chickens as lice do.

Therefore, you might be able to move the chickens without taking the bedbugs along.

But, of course, if you caught the chickens when bedbugs were on their bodies, or if any bedding or crates from the infested house went along with the chickens, the bugs might reappear.

The bedbugs may be controlled by spraying the entire poultry house with crankcase oil, creosote, kerosene or commercial products made especially for that purpose. Or the product may be put on with a paint brush.

Clean the house before the application is made, so that no cracks in nests, roosts or floors will be missed.

It is best to keep the chickens out of the house for at least two hours after spraying or painting.

A 5 per cent DDT oil spray may also be used to control bedbugs, says Carl J. Drake, Iowa state entomologist. DDT is a surface spray, and should be applied to the walls and surfaces, not to the birds directly.

Wet the surface with the DDT preparation and let it dry. This should last for several months. Bugs are killed by contact with the treated surface.

Treatments named above will be effective against mites as well as bedbugs. But lice will not be affected, as they live on the bodies of the chickens.

Burning Destroys Plant Food

When straw or stubble is turned under it adds organic matter to the soil. Burning destroys the organic matter and nitrogen, leaving only minerals. Organic matter and nitrogen are what are needed most.

The HUMBOLDT LOADER

SAVES LABOR MONEY

The famous Humboldt Mechanical Lift Loader is doing a great job for farmers everywhere—loading manure, dirt, sand, gravel, [illegible]—faster, easier, cheaper. With [illegible] attachment it can be used for handling [illegible] hay, baled hay and bundles. Attach a Humboldt to your tractor and put this "work horse of the farm" to work for you!

SEE YOUR DEALER OR WRITE FOR PRICES AND FOLDER

The Silbaugh Mfg. Co., Humboldt, Iowa

BUG RESISTANT POTATOES NEW SEQUOIA

NOW . . . THE DREAM OF EVERY GARDENER . . . a quality potato that resists BUG AND BLIGHT damage! Continual spraying is not necessary! Large, white, mid-season potato, good keeper, excellent baker.

EXTRA HEAVY YIELDS . . .

Even under drought conditions you can count on this new potato for enormous yields. Developed by U.S. Department of Agriculture.

Many new varieties for Garden and Farm featured in Big New Seed and Nursery Annual. It's FREE! Write today!

NEW SEED BOOK FREE

FARMER SEED & NURSERY CO.
21 Fourth St., FARIBAULT, MINN.

RHEUMATISM RELIEVED

36 years' experience in the treatment of Arthritis, Neuritis, Sciatica, Lumbago, and Gout, Obesity, Hypertension (High Blood Pressure), Hypotension (Low Blood Pressure). Excellent train and bus service, via N. W. R. R. and Greyhound bus to Shakopee, Minn.; M. & St. L. R. R. to Chaska, Minn.; Milwaukee R. R. to Glencoe, Minn.; Greyhound bus Glencoe to Shakopee. Write for Booklet C.

MUDCURA SANITARIUM Shakopee, Minn.

3 KINDS OF FLOWERS YOU WANT . . . ALL 3¢

Here's how to find out about GURNEY'S HARDY NORTHERN flower seeds, free of charge. Big planting pkts. Calif. Giant ZINNIA. [illegible] Resistant ASTER. Chrysanthemum-flowered MARIGOLD. All 3 free, plus handy planting guide. Send 3c stamp to help cover mailing, please.

this Free!

Gurney's Planting Guide is easily worth a quarter. Mailed free, with free flower seeds. Get yours now.

GURNEY SEED & NURSERY CO.
609 PAGE ST., YANKTON, SO. DAK.

FARM BUILDING PROBLEMS SOLVED!

For comfort, health, strong livability in chicks or pigs, provide modern, economical, insulated, ventilated Walnut Houses. Complete line of farm buildings. Easy to erect. Write today.

WALNUT PRE-FABRICATION FOLDER—FREE

GBH-WAY HOMES, Inc.
Dept. W, WALNUT, ILL.

FREE NEW Money-Saving FENCE CATALOG

Interlocking Farm Fence as Low as 18½¢ Per Rod

Buy many things here. Farm, Poultry Fence. ALL GALVANIZED. Low Freight paid prices. Barb Wire, Electric Fence, Bale Ties, Roofing, Paint, Hog Feeders, Farm Supplies. Write today.

INTERLOCKING FENCE CO., Box 726, Morton, Ill.

ROCK PHOSPHATE

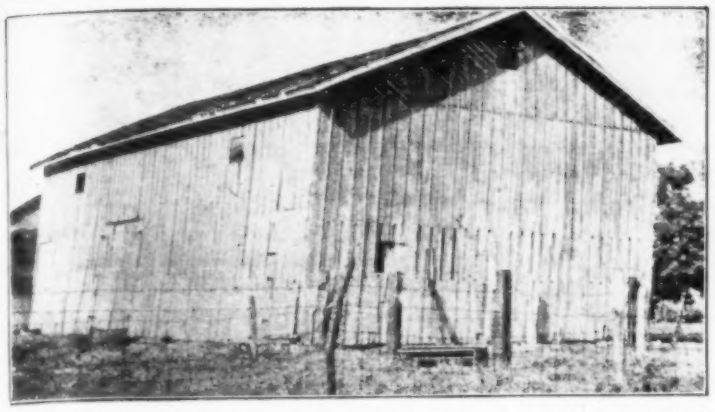
Florida 32% P_2O_5 in bags. [illegible] later. Granular Aero Cyanamid 20% [illegible] for plowing under, ship immediately. [illegible] and testing service. Dealers and [illegible] wanted.

SCHROCK FERTILIZER SERVICE
CONGERVILLE, ILLINOIS

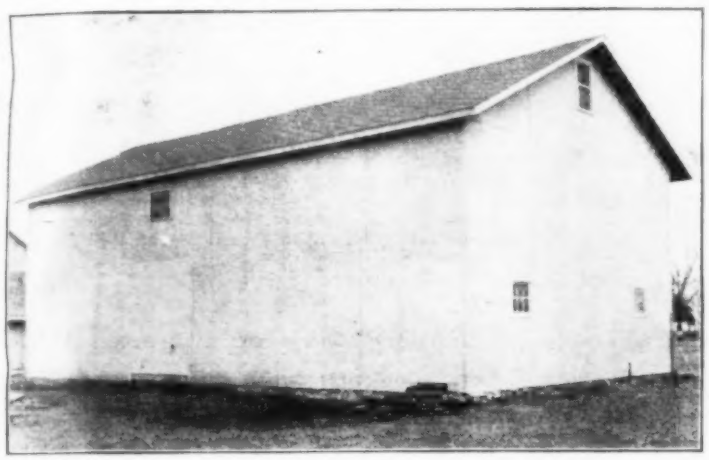
High Testing ALFALFA

$20.40 BU. Grimm Alfalfa $23.40; Red Clover [illegible] $21.60; Alsike $21.60; Sweet Clover Scarified $8.40; Unhulled $4.20; New Timothy $3.20; Alsike and Timothy $5.95; New [illegible] Brome $3.50; Korean Lespedeza $2.50; [illegible] $4.90 high quality. All per bushel [illegible] Hybrid corn $4.25. Guaranteed satisfaction [illegible] samples, catalog. Frank Sinn, Bx. 404, Clarinda, Ia.

What's New
For Farm and Home?



Looks Bad Old barns look like this one on many farms. Wind, rain and snow blow thru to spoil feed and make livestock uncomfortable. Should they be torn down? Or can they be fixed up for more years of service?



Looks Good The same barn after a re-cover job. This kind of improvement is possible where the barn frame can be fixed and braced and the foundation made solid. Various materials can be used for cover. This one is covered with 4x8-foot asbestos boards. The new siding is fireproof, and does not require painting. (Reported by the Asbestos Farm Service Bureau.)

Prices For New Appliances

Pricing of post-war home appliances has been a big question-mark in the minds of homemakers. Will they be a lot higher than before the war?

Post-war prices were set under OPA regulations and follow pretty closely along the same levels as pre-war. As a straw in the wind, one big appliance company released its prices on electric refrigerators and stoves, which are as follows:

Low-priced stove, $116.95; medium-priced stove, $177.75; de luxe model stove, $259.75; refrigerators, seven-cubic-foot models in production, are priced at from $151.50 to $188.25.

Another appliance company releases the prices of post-war radios in a range from $25 to $350, with nine sets in the new line. New radios will be equipped to receive standard and foreign short-wave broadcasts and FM (frequency modulation). No television receivers are included yet, but are in the planning for fall.

First released prices on washing machines by one of the nation's large appliance companies are $81.95 and $91.95, on the two models now in production. The higher-priced machine has a pump. These washers are wringer-type models.

A non-automatic portable ironer is priced at $31.95.

Cream Cans or milk cans are picked up by the neck and rolled away easily with this handy truck. It's adjustable to different sized cans. No lifting, no smashed toes, no spilling, and no strain of walking with a heavy can dangling against your legs. (Announced by Dairy Equipment Company.)

THE LIFT YOU NEED

The SCHINCK Automatic Tractor Loader

Does the work of 10 men . . . adds an EXTRA work day to every week!

This sturdy, low-cost loader can be attached and removed easily and quickly from most any row-type tractor. Has patented perfection dump control. . . . 8-ft. lift. . . . All-steel construction with heavy lifting beam. Simplified operation from power take-off. Equipped with either ½-yd. bucket or 5-ft. wide six-prong fork. Handles a load a minute. *Imagine handling 150 shovels-full a minute!* Built to last for years. No other loader near its low price offers so many advantages.

LOW COST . . . HANDLES BIG JOBS . . . LOADS . . . LIFTS . . . DIGS . . . PULLS . . . GRADES . . . LEVELS . . . HOISTS. HANDLES HAY, MANURE, SAND, GRAVEL, EARTH, SNOW, ETC.

Available for 22 leading makes and models of ROW-TYPE TRACTORS.

Write Today for Free Folder and Name of Your Nearest Dealer!

DEPT. 53-H Automatic Equipment Mfg. Co. PENDER, NEBR.

CLIP AND MAIL THIS COUPON FOR FREE FOLDER

AUTOMATIC EQUIPMENT MFG. CO., PENDER, NEBRASKA. Dept. 53-H

Gentlemen:
Please send me your free illustrated folder, prices, and the name of your nearest dealer for the Schinck **Automatic** TRACTOR LOADER.

NAME .....

ADDRESS or RFD .....

POST OFFICE ..... STATE .....

Advertisement

From where I sit ... *by* Joe Marsh

Ollie Mapes and the Streamlined House

The other day a construction firm set up an exhibit in town. They built a new "house of the future"—and invited folks to see it.

Drew quite a crowd—with the women sighing over the shiny kitchen, and the men admiring the heating units and insulation.

All except Ollie Mapes. He looks around a spell and goes home to his old-fashioned farmhouse. When I get there, he's sitting before his fireplace, with his feet on the screen, looking very contented.

"You know," quotes Ollie, "it takes a heap of living to make a home."

Looking around, I see what Ollie means. A room crowded with memories of a life well spent—and the friendly habits of a happy home, from a blazing old-fashioned fire, to a mellow glass of beer with friends. From where I sit, those things do more to make a home than modern streamlined gadgets.

Joe Marsh

Copyright, 1946, United States Brewers Foundation

TESTED LIKE AN INNER TUBE

● "U.S." Rubber Arctics are leak-tested under water by internal air-pressure—just like an inner tube. Scientific-strength compounds at points of stress—buckles firmly anchored.

Made by the Makers of "U.S." ROYAL RUBBER FOOTWEAR

"U.S." KNOWS HOW TO MAKE BOOTS! Over 100 years of science, craftsmanship and experience mould "U.S." Footwear for the Farm—to make it more comfortable, longer wearing, really fit the job.

UNITED STATES RUBBER COMPANY

1230 Avenue of the Americas • Rockefeller Center • New York 20, N. Y.

TOMORROW'S HARROW *Today*

THE 1946 KEWANEE out-performs any harrow ever built for *high-speed* power farming. Extra heavy and strong for *high speeds* and hard usage. Gets right down to the job and does effective harrowing even in cloddy ground. Completely obsoletes all present designed horse-drawn harrows for tractor use.

KEWANEE Handy Folding Harrows have made it possible to prepare better seedbeds, to cut farming costs and produce bigger crops. No other tillage tool is so profitable in time-saving, work-saving and crop-producing results.

Only KEWANEE has long **Welded Teeth** that take a real "bite" of the soil. Streamlined and self clearing. No clamps, bolts or extended teeth to gather trash. No delays or impaired work. Pays for itself and more the first year.

More teeth per section, diamond-shaped and dagger-pointed. Cuts every 1½ inches. *Finer pulverizing, better seedbeds—bigger crops!* Patented short center tractor hitch.

Amazing Folding Feature! Two outer sections fold to go thru farm gates. Easy to transport. Easy to store. Farmers pronounce it the greatest improvement in all harrow history!

See your KEWANEE Dealer *today*. Make sure of owning America's No. 1 Harrow this year. Write for Free Folder. Kewanee Machinery & Conveyor Co., Kewanee, Illinois.

Kewanee All-Purpose Elevator

Engineered to handle big loads with the speed that's needed in these fast moving days of high-speed tractors, 2-row pickers and combines.

Extra Capacity, Extra Strength, Extra Value. Priced no higher than other leading makes of farm elevators.

Handles ear corn, small grain, baled hay, chopped feeds, soy beans and other farm products.

Portable and Bucket models. For any kind of power. All galvanized steel construction. Many exclusive features insure years of trouble-free service.

Plan now for 1946 and post-war years. Store your crops the fast, easy modern way.

Investigate the KEWANEE *today*.

"BUILT FOR SPEED"

Kewanee Handy Harrows Farm Elevators

Bigger Crops - Less Work - Better Pay

Hamilton's HYBRID Seed Corn

HAWK-EYE BRAND

For a higher yield per acre at lower cost, join the hundreds of Iowa farmers who plant this time-tested Hybrid Seed Corn. Especially cultivated to thrive in Iowa climate and soil. Hawk-Eye Brand Hybrid Seed Corn assures increased crop profits. Available in sufficient quantities this year to meet your needs. Hawk-Eye Hybrid develops hardier corn and sturdier stalks. Order your Hawk-Eye Hybrid now from your Hamilton dealer.

In addition to Hawk-Eye Hybrid Seed corn, there is also a limited supply of Hawk-Eye Brand field seed, available at Hamilton dealers throughout Iowa.

HAMILTON SEED & COAL CO.
CEDAR RAPIDS, IOWA - Established 1869

Grow Pork FASTER At Less COST!

VITA-MIN TONIC
Helps *Three* Ways

VITA-MIN TONIC, the mineralized yeast feed gives your hogs essential VITAMINS—valuable MINERALS—plus proven TONICS. *Three* vital helps to fast economical gains in *one* dependable, easy-to-mix product. Used by successful feeders for over 23 years. Write for free circulars that will help *you* make more money on hogs. We also supply Necro medicine, worm expeller and mange dip on a special NO COST plan!

REPRESENTATIVES WANTED—We have a real money-making proposition for district managers and farm dealers. Write today!

MIDWEST MINERAL PRODUCTS CO. BOX 8 GRINNELL, IOWA

Farm News Briefs

EGG-DRYING plants, to get contract price from government, will have to prove they paid farmers at least 27 cents per dozen for candled eggs.

▲ ▲ ▲

SCHOOL LUNCHES mean more milk consumed. Iowa schools in the federal program used a million half-pints last December.

▲ ▲ ▲

FEDERAL FUNDS pay an average of 6.55 cents per meal served. Local sponsors, PTA, etc., and the children's parents pay the rest.

▲ ▲ ▲

WANT A NEW blue shirt? The navy is about to turn over to civilians nine million surplus shirts. The OPA ceiling price is $1.05.

▲ ▲ ▲

ON 3,500,000 AAA farms last year, 24,000,000 tons of limestone and 2,000,000 tons of super-phosphate were spread. Green manure crops were turned under on 23,000,000 acres.

▲ ▲ ▲

FARMERS UNION members in Cerro Gordo county, Iowa, contributed $30 to the relief fund of the packing house workers.

▲ ▲ ▲

SCHOOL TEACHING seems to be getting into the blood of county extension directors in Iowa. Myron Lacy, long of Clinton county, heads east to Cornell University as extension professor in animal husbandry, and Clayton county's Dick McWilliams comes to Ames as Rex Beresford's assistant in the beef cattle division of the extension service.

▲ ▲ ▲

NEW PRESIDENT of the Iowa Veterinary Medical Association is Dr. P. O. Dorweiler, of West Bend.

▲ ▲ ▲

JOHN QUIST, former assistant 4-H Club leader and county extension director at large, takes over March 1 as executive secretary of the Iowa Creameries Association.

▲ ▲ ▲

FARM WOMEN in Iowa will miss Elizabeth Petersen, of the extension service, who knows and tells a lot about clothing and fabrics. She's going east to edit a home economics magazine for a large chemical corporation.

▲ ▲ ▲

WHEN HE RETURNS from his leave of absence, Dean Buchanan, director of the Iowa experiment station, may be wearing a turban and burnoose like the Arabs. He's on a State Department sponsored tour of Arabia and the Near East, looking into agricultural research and education over there.

▲ ▲ ▲

FARM SPORTS will have their place again this year when the annual Farm Sports Festival occurs at Ames, September 6 and 7. It's backed by the Iowa Farm Bureau, Iowa State College, several farm publications and radio stations. It had been discontinued during the war.

INDISPENSABLE...
IN HOME, GARDEN, ORCHARD

ARMSTRONG **SPRAYER** of MANY USES
• Efficient
• Economical
• Handy

Just what you need to destroy bacteria, bugs and worms. The Armstrong Sprayer is ideal for garden use, yet has enough force to reach tallest fruit trees from ground.

Always ready at a minute's notice—nothing to get out of order. Use this versatile sprayer for many chores—spray DDT, exterminate insects, bugs, etc., apply whitewash, spray livestock, lawns, orchards, barns, extinguish fires.

Sprayer made of brass, 5-gal. kimpack of galvanized iron.

At stores or write for circular and price.

ARMSTRONG SPRAYER
ARMSTRONG PRODUCTS CORP.
Dept. WF, Huntington, W. Va.

He's important to you . . .

In your community is a friend whose services to you are invaluable.

He is your local VETERINARIAN, a professional man who has been educated to diagnose, treat and prevent diseases of animals.

The health and value of your livestock depend upon the VETERINARIAN'S skill and upon the medicinals he administers.

Your VETERINARIAN is mighty important to Armour and Company, too. As one of the world's largest buyers of hogs, Armour is vitally interested in the prevention of hog cholera as a means of protecting and preserving the hog supply which is raw material to the packing house.

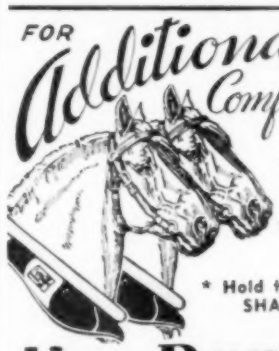
Armour helps your VETERINARIAN help you by maintaining a fully-equipped division for producing his medicinals.

There is no substitute for YOUR VETERINARIAN. Seek his help whenever your livestock needs attention.

Armour and Company
VETERINARY DIVISION
KAW STATION
KANSAS CITY 18, KANSAS

PRODUCERS OF
"FOWLER BRAND" ANTI-HOG CHOLERA SERUM

FOR *Additional Comfort*



* Cushion Faced
* Absorb Sweat
* Hold their SHAPE

Jim Dandy Collars
with BUILT-IN Sweat Pads
Save Your Horses — Dollars, too
SEE YOUR LOCAL JIM DANDY DEALER

CERTIFIED FRUIT PLANTS
Dug Fresh—Prepaid

Cresco, Dunlap or Premier
$2.00 per 100, $14.00 per M
Gemata, Everbearing
$4.50 per 100, $11.00 per 200
Scarlet Gem, Everbearing
$3.00 per 100, $ 8.00 per 200
Bristol Black Raspberry
$1.50 per doz., $12.00 per 100
Paradise Asparagus, 2 yr.
$1.25 per 25, $ 4.00 per 100
McDonald Rhubarb, 60c each; $1.50 per 3
Dug Fresh—April Delivery. Order Now

W. A. BENTS NURSERIES
CRESCO Fruits and Evergreens IOWA

DE HORN YOUR CALVES
WITH Dr. Naylor's DEHORNING PASTE

Requires only one application over horn button. No cutting. No bleeding. 4-oz. jar deborns many calves, kids or rams. $1.00 at dealers or by mail. Postpaid.

H. W. NAYLOR CO., MC-2, [illegible]

Voice of the Farm

Objects to British Loan— And to Editor

To the Editor: As a Democrat, and a subscriber to your paper, I take issue with you on many lop-sided items you sanction and try to put across, to the detriment of the party and all honest people.

The enclosed page of your paper (containing paragraphs from "Inside Stuff" approving the British loan) is enough to entitle you to a padded cell. It is bad enough and pitiful enough to be cursed with a broken mind, but when that person is allowed to preach his insane ideas, it is much worse.

Any four-year-old sane child knows if he gives a choice marble to a friend to use, then this friend refuses to return it, that child is smart enough to not lend him another marble. But not you at your age.

Say we are crazy if we don't do exactly that as regards England. . . . Please, for the sake of the Democratic party and common decency to the workingman, wait until you grow up to at least 10 years mentally before trying to teach an educated race. — C. E. Rush, Nodaway County, Missouri.

In other words, no loans to Britain—if you ask Mr. Rush.—Editor.

"Let Them Pay If They Can"

To the Editor: We believe the hungry people of Europe should be fed. But let them pay if they are able.—Mrs. Delia Purdy, Mercer County, Missouri.

Most farmers will agree on this.—Editor.

Don't Feed Armies Of Conquest

To the Editor: Your article on starving Europe shows the pathetic picture of an old woman hunting for scraps of food in a garbage heap.

Old tottering men and women could be seen here at the city dump in Red Oak, scratching for scraps of food. But this was some time ago.

Fortunately, our government has taken steps to take care of the poor so they don't have to dig in garbage any more.

Be sure, if we donate food to England, Holland and France that it isn't used to feed their armies of conquest instead of the needy at home. — Reader, Montgomery County, Iowa.

Food gifts from the United States should and would be limited to civilians.—Editor.

Says Weeds Taking The Country

To the Editor: Carroll county, Iowa, is being infested with the most dangerous weed, cocklebur. Several farms here were condemned because of the burs. They are so prevalent on rented farms that many renters think they are not to try to eradicate them.

Would it be possible for your paper to get farmers to get rid of these cockleburs? It can be done if all cooperate.—L. E. W., Carroll County, Iowa.

"If all cooperate"—and that means tenants, landlords and road authorities, weeds can be controlled. Law and weed commissioners are set up in Iowa to meet the situation when cooperation fails. Do readers have any suggestions?—Editor.

Neighbor Spreads Thistle Seed

To the Editor: I think many farmers hate thistles as bad as I do. I have spent many days cutting thistles when I had lots of other work to do. I've also spent from $10 to $25 per year for chemicals to kill off thistles.

But every year my neighbor furnishes weed seed from his farm, so I have to do the same thing all over again.

This farm that grows the weeds to seed my farm is owned by California people. I have nothing against California people owning Iowa land, but I am against furnishing us with thistle seed every year.

I would like to have the weed law amended and enforced. It should be so a fellow could go in there and cut those thistles regardless of cost and tax it against the property.—J. A., Clayton County, Iowa.

The Iowa law makes provision for cutting noxious weeds and charging the cost to property. Interested parties should see the county board of supervisors about the appointment of weed commissioners and the enforcement of this law.—Editor.

Should We Ration To Feed Europe?

To the Editor: I agree that we should feed the starving in Europe. We can not get the good will of any people by standing by and letting them starve, when we have a-plenty and to spare.—Long-Time Reader, Pottawattamie County, Iowa.

Should we ration food again, if necessary to feed Europe?—Editor.

PLAN NOW to have a Dump IT HOIST on your FARM TRUCK

Yes, PLAN your equipment buying! And consider the DUMP IT Hoist as an investment that will quickly pay for itself in actual cash savings.

SAVE hours of sweating labor. Dump your truck loads and quit slow hand unloading.

WRITE for illustrated folder. We'll refer your inquiry to our Dealer in your neighborhood. Give name of your county.

ST. PAUL HYDRAULIC HOIST CO.
Dept. WF-86 2207 University Ave. S. E.
MINNEAPOLIS 14, MINNESOTA

Because of War needs our 1945 Farm Hoist production fell short of the demand. Unfilled orders are being shipped as fast as possible. Play Safe. Place an order now for your DUMP IT Hoist!

8 LB. ELECTRIC SKILDRILL FOR YOUR EVERY DAY REPAIR JOBS

½ IN. CAP. IN STEEL
1¼ IN. CAP. IN WOOD

• You'll find this the handiest tool you have ever owned. It's light, compact, gets into tight spots. Operates from 110 v. power line. Your local hardware dealer will be glad to show it to you, or write for information to:

SKILSAW, INC.,
5041 Elston Ave., Chicago 30, Ill.

PORTABLE ELECTRIC SKILTOOLS MADE BY SKILSAW, INC.

ALL NEW WINTER CAUGHT FROZEN FISH. Herring, Round, 50 lbs. $4.00, 100 lbs. $7.50; Sprats, similar to Smelts, in 10 lb. cartons, parchment packed, ... to master carton, 10 lb. carton $1.10 per ... carton, 50 lbs. $5.00. Order a master carton ... No. 1 Carp, 50 lbs. $4.00, 100 lbs. $7.00; ... Carp, 100 lbs. $9.00; Yellow Walleye Pike, 50 ... 100 lbs. $24.00; Headless Steak Cod, ... Pickerel, Headless and Dressed, 50 lbs. ... 100 lbs. $15.50; Pickerel, Round, 50 lbs. ... 100 lbs. $14.00; Mullets (Suckers), 50 lbs. ... 100 lbs. $6.00; Bullheads, Frozen Alive, ... 100 lbs. $13.00; Ocean Pike (Whiting), ... and Gutted in 15 lb. cartons $2.40; Golden ... Fillets, 10 lb. carton $2.40; Buffalo, 100 lbs. ... Smoked Bluefins, 10 lb. carton $2.00; Smoked ... 10 lb. carton $2.90; Smoked Lake Chubs, ... carton $3.80. Prices F.O.B. Green Bay. ... and prompt shipment guaranteed. Only box of each variety shipped.

MIDWEST FISH COMPANY
N. BROADWAY STREET GREEN BAY, WIS.

THE NEW Duplex ROTARY SCRAPER

...st modern, simplified scraper on the market. Automatically loads. Bulldoze backwards. Many other exclusive features. "Patd."

Write Today for Details and Literature
DUPLEX CONSTRUCTION CO., Dept. 10
... and Locust Sts. East Omaha, Nebraska

FEATHER BEDS urgently needed. Old and New Goose and Duck ... wanted immediately for many essential needs. ... for prompt payment. We return your ... if wanted, and also refund your postage. If ... mail us first a small sample of your feathers ... ordinary envelope for top price with our complete shipping instructions and tags.
NORTHWESTERN FEATHER CO.
...2 Scribner NW., Grand Rapids 4, Michigan

VEGETABLE PLANTS Fieldgrown now ready. ... for free catalog. OMEGA PLANT FARMS, OMEGA, GEORGIA.

... roll developed and printed by experts; ... with Jumbo prints 25c.
...LAND, 6444-12 Diversey, CHICAGO 35

FOR SALE: ALFALFA SEED and Pasture Grass Seed
SAM BOBER, Newell, South Dakota

If You Are Moving . . .
Be sure to send us both your old address and your new address. In so doing you will not miss a single copy of Wallaces' Farmer and Iowa Homestead. Do it today.

. . . Troubled with SCAB TEATS . .

. . . bruised teats or teat obstructions?

TREAT THEM WITH Dr. Naylor's SULFATHIAZOLE MEDICATED DILATORS

Get to the seat of the trouble at once! Carry the healing medication *inside* the teat canal with these soft surface medicated Dilators. Fit both large and small teats . . . Keep the teat canal open during healing. More than just Dilators, they are actually small medically impregnated surgical dressings. Packed in antiseptic ointment. If not available at your dealer, write:

H. W. NAYLOR CO.
MORRIS, N.Y.

Large pkg. $1.00
Small pkg. .50
MAILED POSTPAID

H. W. NAYLOR
Dr. of Veterinary Medicine

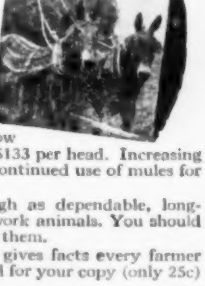
Easy to Insert — Stay in the Teat

Scientifically Medicated

Dr. Naylor's
DEPENDABLE VETERINARY PRODUCTS ARE SCIENTIFICALLY TESTED UNDER PRACTICAL FARM CONDITIONS

All About MULES

ONLY 25¢ FOR THE MOST IMPORTANT BOOK EVER WRITTEN ABOUT THEIR HISTORY, BREEDING AND CARE



Latest figures show values averaging $133 per head. Increasing feed crops favor continued use of mules for a long time.

Mules rank high as dependable, long-lived, profitable work animals. You should know more about them.

This new book gives facts every farmer should have. Send for your copy (only 25c) today.

Horse & Mule Assoc. of America, Inc.
WAYNE DINSMORE, SECRETARY
407 S. DEARBORN ST. DEPT. M
CHICAGO 5, ILLINOIS

DEAF? HARD OF HEARING?

HEAD NOISES? If you suffer from hard of hearing and those miserable head noises, due to catarrh of the head, write us NOW for proof of the good results our simple home treatment has accomplished for a great many people. Many past 70 report head noises gone and hearing fine. Nothing to wear. Send NOW for proof and 30 days trial offer. No obligation.

THE ELMO COMPANY, Dept. 880, Davenport, Iowa

HIGH BLOOD PRESSURE
A DANGER SIGNAL

Often associated with hardening of the arteries, a Stroke, Paralysis, Heart Trouble, Kidney Disease, and other grave complications. Resultful treating methods of the Ball Clinic have proven dependable for nearly a quarter of a century. Send for FREE Blood Pressure Book today. No obligation.

BALL CLINIC, Dept 3660, Excelsior Springs, Mo.

GOLDEN RUST PROOF OATS

Amazing variety has everything! Resists crown, stem or leaf rust, also loose and covered smuts. Strong, stiff, medium length straw. BIG YIELDS, some over 100 Bu. to acre, best by 2½ to one in real rusty years. EARLY MATURING. Prices reasonable—but order quick, supply limited. Also have Cedar, Boone, Tama, Vicland Oats—and all grass seeds. FREE samples and 80 page catalog. Write BERRY SEED CO., Box 204, CLARINDA, IOWA

SAVE FEED and CHORES

World's greatest self feeder—Feeds Ear Corn, grain, ground feed or tankage—any 2 feeds at a time.
SUCCESSFUL HOG FEEDER
Bigger Capacity. Pat. features. No clogging. Self-agitating sides, etc. 5 sizes, low as $8.75. See your dealer or write for free circular.

DesMoines Incubator Co., 1204 Market St. Des Moines, Ia.

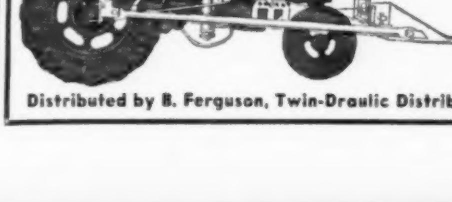
BUILD YOUR OWN ARC WELDER FROM OLD GENERATOR PLANS 35¢

For Light or Heavy Work
We show you how to build this powerful machine. Produces 75-200 amps. Easy to build. Mail 35c for complete PLANS and valuable Catalog today.
LEJAY MFG. CO., 1337 LeJay Bldg. Minneapolis 8, Minn.

Twin Draulic LOADER
Lifts MORE—Faster—Easier—Higher

Compare these 7 advantages, then write for free circular on this handy Giant Loader and dealer's name. Get quick delivery. Manufactured by

Mefferd Mfg. Co.
Laurens, Iowa



1. Low Down Construction—easy to run into shed, barn or garage.
2. Twin Draulic Power Lift—smooth and powerful as a freight elevator.
3. Rear Wheels Carry More Load—easier steering—no strain on front.
4. Maximum Height—lifts loads higher without pulleys and heavy, cumbersome frame.
5. More Traction with load closer to rear wheels, works in wet conditions.
6. Fits Most All Tractors—Easier to mount.
7. Stabilized Cylinder Operations—more power at start of lift—smoother lifting to full height.

Distributed by B. Ferguson, Twin-Draulic Distributors, Dept. W, Laurens, Iowa

What to do for
BOWEL STOPPAGE in LIVESTOCK

When a cow loses her appetite and refuses to eat, or eats very sparingly, the chances are that she is suffering from constipation, usually caused by partial paralysis of the bowels. To help relieve this condition, give:

Dr. DAVID ROBERTS
LAXOTONE

Do not drench cattle for bowel stoppage! Give LAXOTONE dry, on the tongue. Easier, safer and more reliable than a physic or the old-fashioned drench, which is always dangerous. Don't be without a can of LAXOTONE handy at all times.

Get DR. DAVID ROBERTS
STOCK MEDICINES
FROM YOUR LOCAL DEALER

There is a Dr. David Roberts Prescription for every curable animal ailment. Compounded by:

DR. DAVID ROBERTS VETERINARY CO., INC.
5 Grand Avenue Waukesha, Wis.

THE BOYT HARNESS
"The Standard Work Harness of America"

Today, as for the past 45 years, BOYT is still making THE STRONGEST WORK HARNESS IN AMERICA. In cost per year, genuine Boyt Harness is most economical, because it outwears ordinary harness 2-to-1.

YOUR HORSES
work as never before
with the extra comfort of

BOYT AIR-CUSHION COLLAR
PATENTED

SAVING MONEY on COLLARS & HARNESS

New cushion principle (not inflated) prevents and cures sore shoulders. Easiest to fit. Keeps cooler and drier. Wears longer—costs less. Don't buy ANY collar 'till you get Boyt's FREE Book. Write today. BOYT HARNESS CO., 202 Court Avenue, Des Moines, Iowa.

Send for FREE Harness and Collar Book

Smalley
HATCHET MILL
BEST FARM FEED MILL YET!

Here is the successor to the hammer mill! It chops as well as grinds. Revolutionary new blower-rotor is equipped with both "flying hatchets" and ensilage knives. Feed grinder, hay chopper, silo filler, roughage cutter all in one low-cost machine! Safe pneumatic feed. Grinds sorghum grain, chops fodder. FREE colorful bulletins on Hatchet Mills, Forage and Grain Blowers, Ensilage Cutters. Write —

Smalley MFG. CO.
557 YORK STREET, MANITOWOC, WIS.

SWEET CLOVER SEED $7.20 BU.
and up. No. 1 Bromus [illegible] Write for prices and Free Samples on hardy Northern grown field seeds.
GRIMM ALFALFA ASSOCIATION
Fargo, N. D. 500 Cooperating Growers

STORE AND DRY SOFT CORN
Elevate Shelled and Threshed Grains with LIBERTY GRAIN BLOWER—The Multi-purpose machine. Made to serve and save. Write today. Prompt Shipments.
LINK MFG. COMPANY - FARGO, N. D.

8 exposure rolls 25c; over 8 exposures 40c, for one Velox print each and Free enlargement coupon. Reprints 3c, minimum 25c. Fred I. Eastman, Bode, Ia.

FREE 4 PKT TRIAL
WITH T & T SEED DIGEST
WE SEND YOU FREE
• Sweet Pea, Orchid Spencers
• Baby's Breath, Annual.
• Lettuce, Leaf, Grand Rapids
• Radish, Crisp, French Brkfst.
• NEW T&T SEED DIGEST
For amazingly early flowers—vegetables bred by scientists for Northern Canada selected for U.S. growing conditions— 15
READ T&T SEED DIGEST
Clip this ad Mail today.

T and T SEEDS
GRAND FORKS N D

SERVICE BUREAU

The Sign of Protection

$50 REWARD — WALLACES' FARMER SERVICE BUREAU

Advertisers in Wallaces' Farmer and Iowa Homestead are reliable. We guarantee subscribers against loss thru trusting advertisers in this publication who prove to be deliberate swindlers; we do not attempt to adjust minor differences between subscribers and honorable business men nor pay the debts of honest bankrupts. This guarantee is effective only when a subscriber answers an advertisement within 30 days after it appears in this publication, and the subscriber must have mentioned Wallaces' Farmer and Iowa Homestead when writing the advertiser. All complaints must be reported to us within 60 days after the transaction causing the dissatisfaction.

Tax Exemption For A Wife

My wife and I work our farm together, and have always filed a joint federal income tax return. She helps take care of the place, helps milk, feed calves, pick corn, etc., in addition to her housework. The tax collector erased her name off my tax report, stating she didn't count. Isn't she entitled to any exemption?

Perhaps the fact that the federal income tax consists of two parts, the normal tax and the surtax, has confused you. In figuring the surtax, a $500 exemption is deductible for yourself and each dependent. This would include your wife, and each of you would be entitled to a $500 surtax exemption if you file a joint return.

However, in figuring the normal tax, you would be considered the recipient of the farm income, and could deduct only a $500 exemption unless it could be shown that your wife has a separate and independent income supported by a record of her personal receipts and expenditures in connection with any part of the farm business which she might operate independently of the general farming operations.

Son Takes Over The Home Farm

Our son just returned from the army. We want him to operate the farm on a partnership arrangement. We will live on the farm and help only in the rush season, furnishing board and room for our son. The farm is well equipped, but needs considerable work on fencing and clearing, which he will do. What would be a fair deal?

Quite frequently, we hear of a partnership where the farm owner furnishes the machinery and equipment in addition to the land and buildings, and the tenant furnishes only the labor.

A division of the farm income rather commonly figured in such cases is one-third to the tenant and two-thirds to the owner. However, some adjustments might have to be made because of the peculiarities involved in your particular case.

The fact that you furnish board for your son might just about offset the additional work which he will have to do on fencing and clearing, especially if you furnish a small amount of the farm labor by working some yourself.

Possibly you could work this problem out by figuring the value of the different contributions each of you will make toward operation of the farm, allowing reasonable wages to each according to the time you will work on the farm, the value of the board furnished your son, taxes, insurance, depreciation and interest at a reasonable rate on your investment in the farm and equipment.

Landlord Will Not Permit Sale

I borrowed $1,000 from my landlord when I rented my farm, and now want to start paying by selling my share of oats. The landlord says I can't do this, as I gave him a chattel mortgage on the crop, and it belongs to him.

I would like to use some of the oats for feed. Can't I sell the oats and pay the note in spite of the landlord?

The landlord can not prevent sale of the oats, whether covered by chattel mortgage or landlord's lien for cash rent.

In the absence of specific directions in the lease, such as a clause providing that the tenant will sell his own share of the crops only at the landlord's direction, the tenant may dispose of personal property at any time.

However, he must account to the landlord or holder of the chattel mortgage for the proceeds.

The safe way to do this is to have the check for the oats drawn to both the landlord and yourself. Then you can endorse the check and deliver it to the landlord.

If cash rent is involved, a landlord has a right to stop a tenant from feeding any of the tenant's share of the crops raised until the rent is paid.

This is for the reason that the landlord has a lien upon all crops grown, for the cash rent.

Minors Liable For Auto Damage

If a minor owns a car, are his parents liable in case of an accident? Should the car be registered in the parents' or the child's name before the child becomes of age? In case of accident, is the owner or the driver of the car liable?

Ordinarily, parents would not be liable for damages if a minor child—driving an auto owned by the child—becomes involved in an accident.

The rule is that the parents are liable for damages done by their minor children only when it is caused by acts done at the direction of the parents.

It is unlikely that an auto accident would occur in such a manner as to make it possible to claim that the minor caused the damage at the direction of his parents.

If the minor owns the car, it should be registered in his name.

Where a minor drives an auto owned by the parents, they are liable for damages if the car is being driven with their consent. Consent might be implied if the parents were in the habit of allowing the minor to drive the car.

Pull the Trigger on Lazy "Innards"

WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards" and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S
SENNA LAXATIVE
CONTAINED IN SYRUP PEPSIN

Vinton
Better Germination
This year depend upon Vinton for the good stands and high yields that come from good germination —these are the best reasons for your planting Vinton Hybrids in 1946.
Hybrids
VINTON, IOWA

DEPENDABLE Light
FOCAL RAY
EMPIRE

LANTERN
DEPENDABLE LIGHT — any place you want it . . . Barn, House, Outdoors. A concentrated spot or a spreading flood at a turn of the lamp head of the Empire FOCAL RAY Electric Lantern. Set it on floor, hang it up or carry by handle. Weather-tight precision built, economical, durable.
Lantern Model 900
At your dealer's now or write
THE METAL WARE CORP.
TWO RIVERS, WISCONSIN

GUARANTEED
CYLINDER TEETH
12c

for Threshers and Combines
Special high grade steel . . . tempered for long wear. Perfect fit. Will not wear in hooks or break at shoulder.
For Advance-Rumely, Aultman-Taylor, Avery, Baker, Case, Greyhound, Goodison, Huber, Keck-Gonnerman, McCormick-Deering, Minneapolis, Nichols-Shepard, Racine, Russell, Twin City, Woods
Also Hammermill Belts, Combine Canvas, Tarpaulins, Sprocket Chain, Lifting Jacks
REASONABLE PRICES.
HUDSON MACHINERY CO., DECATUR, ILL.

Write for Free Catalog
NURSERY BOOK

FREE
THE EARL FERRIS 77th ANNIVERSARY BEAUTY EDITION
Our finest catalog and guide in years, more pages, more lovely pictures—and more money saving offers. FERRIS Northern Grown EVERGREENS, Shade Trees, Ornamentals, Flowers, Shrubs, Bulbs, Fruit Trees, Berry Plants, etc. Write—it's FREE
EARL FERRIS NURSERY
333 Bridge St. Hampton,

More About Paw Tucker!

Readers of Wallaces' Farmer and Iowa Homestead have asked for a report on more of Paw's activities. So here's a part of his back history, from county fair time last summer until winter.

What's the Matter, Paw—Are You Growing Old?

You Never Can Tell What'll Happen on Hallowe'en, Paw!

Never Scare an Owl, Paw! They're Sure Contrary Critters!

Who Said Winter-Time Was Rest Out on the Farm?

Watch for Paw Tucker in Every Issue of Wallaces' Farmer and Iowa Homestead

WESTHAVEN
POLLED HEREFORDS

Established 1906

Sale held in new heated sale pavilion located on U. S. Highway 30 and Highways 59, 141 and 4; also on main line Chicago North Western Railroad.

DENISON, IOWA
THURSDAY, MARCH 7, 1946

60 HEAD

24 High Quality Bulls

36 Females

Included in the bulls are 2 TRIED herd sires, 10 yearling bulls and 12 bull calves. The 36 females include 14 bred cows, of which 5 will have calves at side, 12 yearling and 2-year-old heifers, mostly bred, 10 exceptional quality heifer calves. These cattle are mostly of Model Alex and WHR Royal Domino breeding. All bulls carry the blood of Model Alex and most of the females also. Write for catalog and mention Wallaces' Farmer and Iowa Homestead.

F. P. Westcott, Denison, Iowa

Col. Guy L. Pettit, Auctioneer. M. T. White, Fieldman.

CLARENCE SMITH'S

CHESTER WHITE SALE

PRIMGHAR, IOWA, FEBRUARY 21st

40 TOP GILTS

5 CHOICE FALL BOARS

This is one of the greatest offerings I have ever sold. Sired by 1944 Model, The Sparkler, and are bred to these two boars, and to Lyle Chieftain. No better offering will sell this year. Lots of quality and size. Sale at farm, 8¼ miles northeast of Primghar, Iowa. Mention this paper when writing for catalog. Address

CLARENCE SMITH, JR.
Primghar Iowa
Phone 9F515, Hartley

GEORGE LIPPOLD'S HAMPSHIRE SALE

FRIDAY, FEBRUARY 22, 1946

A Sample of Our Gilts

I am holding this sale on the farm 5 miles southwest of town with accommodations for all. I want to see all my friends and Hampshire breeders at my sale. I am selling you a good, well bred offering, sired by and bred to good boars, in splendid condition. That is reason enough for inviting you to my sale. I am selling 35 spring gilts and 20 fall sows. Also a few tried sows. These sows are sired by Roller Whiz, a half brother to Golden Conqueror Roller, the $5,525 boar. Also by Model Bouncer, a son of Bouncing On, also by Triple A Glory, he by A-1, the $3,000 boar. These are bred to Blue Master, a son of Masterpiece, and King Row, a son of New Era. Also bred to Square Block, a grandson of Beagle Type and Private Dividend, a grandson of Private Trust. Send bids to M. T. White, in my care. Write for catalog and mention this paper.

GEORGE LIPPOLD, Owner, AVOCA, IOWA
Col. Kraschel, Auctioneer

RICHLY-BRED HAMPSHIRES

Sale at farm, 3½ miles east of Sargent and near Dexter. Just east of Austin, Minn., and north of state line.

DEXTER, MINNESOTA
TUESDAY, FEBRUARY 26th

40 CHOICE BRED SOWS AND GILTS

A splendid offering mostly granddaughters of **GRAND HIGH ROLLER** and **HAWKEYE DELUXE**, bred for March and April . . . a few for May litters. They are mated to **GRAND SPECIAL**, 1945 Minnesota Junior Champion and a top son of **BLENDER SPECIAL**, the $1,500 Mullady boar. Breeding without an equal, and the quality will please. Plan to attend. Ask now for **FREE** catalog. Please mention this publication.

MORRISS MINER, DEXTER, MINNESOTA

"It Happened in Iowa"

SEND YOUR TRUE ODDITIES AND PHOTOS TO THIS DEPT. THE BEST CONTRIBUTIONS WILL BE PUBLISHED

LIVESTOCK NEWS

The National Polled Shorthorn Congress, at Lincoln, Neb., February 1 and 2, brought out a grand offering of cattle. A. D. Weber made the awards in a very satisfactory manner. The champion bull, Alauna Collynie, a son of Alauna Lord Collynie, was owned by Earl Girton & Fennern, Vinton, Iowa, and sold for $2,500 to J. W. Bennett, Winona, Wash. Cherry Hill Landmark, owned by H. L. Straus, was reserve champion, and sold for $1,150 to Jack Wahls, St. Olaf, Iowa. Cherry Hill Hallmark, another Straus entry, sold for $2,050 to J. C. Banbury, Plenna, Kan. Valley View Master, owned by Fred Blomstrom & Sons, sold for $1,600 to Geo. Smith, Keokuk, Iowa. Collynie Success, from the F. T. Brown herd, sold for $1,400 to Leeman Farm, Hoopston, Ill. Alpine Charmer, from Alpine Farm, went at $1,200 to Harry Bird & Son, Albert, Kan. The champion female was Lynnwood Augusta C. 3d, from Lynnwood Farm, and sold at $825 to Roy Hopper, Fredonia, N. Y. Valley View Gloster, from the Blomstrom herd, was reserve champion, and sold for $775 to Cherry Hill Farm, Reistertown, Md. The top female came from Cherry Hill Farm, in Cherry Hill Clara, mated to Edellyn Royal Leader 2d. She sold for $1,400 to Robert Glesey, Lancaster, Ohio. Bonnie Butterfly 2d, another Straus heifer, and bred to Edellyn Royal Leader 2d, sold for $1,050 to Kenner Stock Farm, Hebron, Neb. Claret Princess 15th, from the Albert Hultine & Sons' herd, sold for $1,000 to Lynnwood Farm, Carmel, Ind. Cattle went to buyers in 11 states and Canada. The 41 bulls averaged $610, with 57 females at $429 and 98 lots at a general average of $510. Auctioneers, J. E. Halsey and Hamilton James.

The Hereford sale at Adel, Iowa, on January 28, under the management of Bernard Hart, brought out a large crowd and he made one of the best sales of the season. Forty-nine head of bulls sold at an average of $231 per head. The top of the horned bulls in the sale was No. 1, from the Julius Ahrendsen herd at Audubon, Iowa, and he went to Owen Crist & Son, Des Moines, Iowa. The top polled bull was Aster Advance 53d, from the Mrs. John J. Kelleher herd, and he went to Fred D. Londsdale, Stuart, Iowa, at $400. The 84 head made an average of $220, and we regard it as a very good sale.

The Duroc sale of Knotek Bros., Riverside, Iowa, and Harold C. Timm, Muscatine, Iowa, January 25, was most successful, when 50 choice bred gilts averaged $179.50, with a top of $405. Two June boar pigs brought $140 and $120 respectively. The offering went into nine states, which indicates the popularity of Knotek Bros.' Durocs. Remember their second sale, February 25.

The O. W. Jones & Son Hampshire sale at Ute, Iowa, on January 28, brought a splendid crowd, and they sold 60 head at an average of $90 per head. The top was No. 3, at $155, to Ed Rennick, Pilger, Neb., and Nos. 31 and 32 were taken by Melvin Snackle, Avoca, Iowa, at $125 each. No. 4 went to Andrew Schleis, Mapleton, Iowa, at $125, and No. 8 to Hans Christopherson, Danbury, Iowa, at $100. It was a good sale, but it was also one of the best offerings this firm has ever had. Charley Taylor was the auctioneer in charge of the sale.

The Nick N. Kirsche Poland China sale at Carroll, Iowa, on January 24, encountered one of the coldest days of the winter season, but a good crowd was on hand, and he sold 37 head of bred sows at an average of $126 per head. He had a nice offering and they were in splendid condition. His top sow was No. 88, and she went to Henry Shady, Sac City, Iowa, at $200. No. 73 went to John Johnson & Son, Minden, Neb., at $190, and Nos. 6 and 87 brought $150 each. Had it been a more pleasant day, the average would have been higher. Col. H. S. Duncan cried the sale, with Cols. Will Duncan and John H. Johnston assisting in the ring.

Tax on Inherited Land

When an 80-acre farm valued at $100 per acre is inherited, what per cent will be taken for inheritance tax? To whom is tax paid? When must it be paid? Are there any other taxes which must be paid in such cases?

Assuming that this farm is within Iowa, the Iowa tax on inheritances is based according to the relationship of the beneficiary to the deceased. A husband or wife may inherit up to $[illegible] from a deceased spouse free of inheritance tax; a son or daughter gets an exemption of $15,000; father or mother, $[illegible]; any other lineal descendant of the deceased, $5,000.

The tax on amounts inherited above these exemptions is figured at progressive rates, according to relationship to the deceased. You don't mention the relationship in this case, and the schedule of rates is rather too long to publish in full. See Chapter 351 of the 1939 Code of Iowa, which may be inspected at the office of any county official.

The tax is paid to the State Tax Commission, and must be paid within [illegible] months of the death of the testator, unless permission to defer payment has been secured.

The federal estate tax provides an exemption greater than the value of the farm, so there would be no federal tax on the inheritance.

KNOTEK BROS. AND H. C. TIMM DUROCS

Sale at the Timm farm, located 3 miles west of Iowa on Highway No. 22, in a heated pavilion

Muscatine, Iowa
MON., FEB. 25th

50 SELECTED GILTS

A splendid offering sired by **CIMARRON**, 1944 Iowa Junior champion, **CRIMSON FANCY, FANCY COL., PROMOTER ACE, LOW SET, SUPER SUPERB, BOMBER** and **ADVANCE**. Bred to **CIMARRON, SUPER FLASH**, 1945 first prize boar at Iowa, **FANCY COL., CRIMSON FANCY** and **ADVANCE**. Top selling gilt by **LOW SET**, 1945 Iowa Grand Champion and bred to **SUPER FLASH** for early March farrow. The most profitable kind. They will sell within reach of all. **COME**. Ask for **FREE** catalog, mentioning this publication. Address either

"The kind that we sell"

Knotek Bros.
RIVERSIDE, IOWA

Harold C. Timm
MUSCATINE, IOWA

Auctioneer, Guy Pettit.

EMIL DREHER'S SALE

SPOTTED POLAND CHINAS

40 Head of Outstanding Sows

AUDUBON, IOWA, TUESDAY, FEBRUARY 26, 1946

These are all spring gilts, and are sired by Wide Ace and Broadway Flash. These gilts are mostly out of Silver King and Gold Bond dams. Silver King is the sire of Silver King II, the Iowa grand champion boar owned by A. J. Anderson. These gilts are bred to Gates Wonder, purchased in John D. Gates sale last fall; also to Commander's Quality a half brother to Feeder's Quality, the Kitty Clover boar. I think these are the best lot of gilts that we have ever offered at public auction. There never was a better time to buy a good sow or two than right now. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead.

EMIL DREHER, Owner, AUDUBON, IOWA

Auctioneers, Goodchild and Martin

HIGH-CLASS HAMPSHIRES

In clean, comfortable, warm garage

NORA SPRINGS, IOWA — **SATURDAY, MARCH 2, 1946**

50 SELECTED GILTS FROM A GREAT HERD

They are sired by **GRAND HIGH ROLLER**, 1942 All-American Junior boar, **HAWKEYE DELUXE, RESOLUTE, HAWKEYE LAD, PACKER SUPREME** and three sons from Robin Lane Farm. Out of dams by **GRAND HIGH ROLLER, GLORY BOUND, ROLLER SUPREME** and **ECHO** breeding. Best in blood lines. Five bred to **GRAND HIGH ROLLER**, 25 to **GLORY MAESTRO** by the champion Road To Glory, and 10 to Resolute. All have been fed a balanced ration recommended by Professor Quaife of Ames. Alfalfa, Oats Concentrate, Salt and Mineral, ground and fed in self feeders. All corn fed in limited quantity in ear. They have received plenty of exercise, ideal to produce wonderful litters. All tested for **BANGS** and negative. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

FIELD & CHRISTIANSEN, NORA SPRINGS, IOWA

Jack Zimmerman's Spotted Polands

50 HEAD BRED SOWS

EARLING, IOWA, FEBRUARY 22, 1946

Sale in heated pavilion on farm

I am holding my sale on the farm this winter, adjoining town, so it will be convenient for everybody. It is the best offering I have ever sold and is the best bred. These are sired by and are bred to some of the best boars of the breed. They are sired by Smooth Boy, he by Wide Thickset; Silver Star, he by Liberator, and a few by Commander's Doughboy. They are very largely bred to PLUTO'S STARBEAM, one of the best and highest selling boars last fall. This boar was bred by Nelson & Paulsen, and is considered one of the very best of the breed. He cost me $690, so you may know he is good. Twenty-five sows in my sale are bred to Pluto's Starbeam. A few bred to Golden Spike. Write for my catalog and please mention Wallaces' Farmer and Iowa Homestead.

JACK ZIMMERMAN, EARLING, IOWA

Charlie Taylor, Martin and Goodchile, Auctioneers

BROWN'S HAMPSHIRE SALE

To be held in heated Adaville Garage, only 18 miles north of Sioux City on Highway No. 29 and two miles west

MERRILL, IOWA, FEBRUARY 21st

55 SOWS AND GILTS

A splendid lot of hogs rich in pedigree and pleasing in type. Bred to herd improving boars, **AMERICAN GLORY, TODAY'S MODEL, BLENDER KING** and **POWERHOUSE**. Best in blood lines. The offering has been selected from more than 100 head. Plan to **COME**. Ask for **FREE** catalog. Please mention this publication.

ARDEN BROWN, MERRILL, IOWA

HOLSTEIN AND JERSEY DISPERSAL

54 HEAD—53 COWS AND HEIFERS AND ONE BULL
Also Selling 25 Bred Sows That Will Farrow in April

Sale to be held at the farm, 4 miles west and one-half mile north of

ROYAL, IOWA, FEBRUARY 26, 1946

or two miles west and 4½ miles south of Everly, Iowa (first place north of Thorne airport)

These are all high bred grade Holsteins and Guernseys. We have a 300 lb. C.T.A. record in this herd so you will know they are good cattle. The most of these cattle have been calfhood vaccinated for Bangs. Included in our sale is our herd bull, Sir Canary Triune Grassby, and he is a son of Shelbro Colantha Triune Star. Now here are the features of this sale. There are 14 Holstein cows that will freshen in March and April; 7 Holstein cows that are now milking; 13 Holstein heifers now two years old and they will freshen in March and April. Also selling 7 Guernseys that will freshen this spring and 3 that will freshen next fall. For further information write

ED E. LORENZEN, MONETA, IOWA

Holstrom and Feenstra, Auctioneers

IOWA STATE

ANGUS SHOW & SALE

To be held in the excellent sale pavilion, Iowa State Fair Grounds

SHOW
MARCH 12th—1:00 P. M.

Judge: J. B. McCorkle, Columbus, Ohio

SALE
MARCH 13th—12:30 NOON

DES MOINES, IOWA
March 12th and 13th

81 HEAD

35 BULLS—46 FEMALES

This grand offering has been selected and recommended by a sales committee from **13 District Associations of Iowa** and 37 herds are represented, which include the following:

Banks & Banks	Knoxville	I. E. Kemp	Marion
Bell & Sons	Osceola	Don Koenighain	Williamsburg
Harold J. Berd	Newton	Lindgren Bros.	Paton
A. H. Bloomquist	Gawrie	H. R. McBride	Zearing
Ray Bond	Winterset	Mallory & Mallory	Hampton
Cecil Carey	Marengo	H. C. Miller	Hampton
Ray H. Cline & Son	Bussey	O. A. Montgomery & Sons	New Sharon
W. E. Conrad	Salem	L. R. Morford	Iowa City
El-Jon Farms	Rose Hill	Leslie Oster	Webster
O. O. Emerson & Son	Knoxville	Frank Riehl	Dana
Forrest R. Foster	Mystic	C. T. Rierson	Radcliffe
Otto Frank	Manilla	Henry Schmuecker	Amana
Clifford Gay	Oskaloosa	B. J. Snyder & Son	Oskaloosa
J. O. Gring	Dallas Center	C. D. Spear	Indianola
C. R. Harken	Osceola	Ben G. Studer	Wesley
Harmon Bros.	Creston	C. T. Wambold & Son	Winterset
C. S. Harvey	Knoxville	F. S. Whittum	Stuart
Earl Hullinger & Son	Leon	H. T. Young	Prairie City
Arnold & Jay	Ames		

A study of the catalog and you will find the best sires of the breed are strongly represented. The families include **BLACKCAP, MISS BURGESS, ENCHANTRESS, EISA, ELBA** and **EVERGREEN ERICAS, BLACKBIRDS, QUEEN MOTHER, ROSEMERE BARBARA, McHENRY BARBARA** and **PRIDE OF ABERDEEN**. A fine offering . . . the sort that will make a profit. All **T.B.** and **BANGS** tested. **COME.** Ask now for **FREE** catalog, mentioning this publication. Address

HERBERT CLINE, Secretary, BUSSEY, IOWA

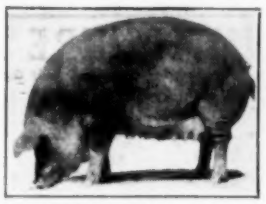
IOWA STATE ANGUS BREEDERS ASSN.

Auctioneer, Roy Johnston. J. E. Halsey, Fieldman.

NOTE: Banquet March 12 at 6:30 P. M. All are invited. Interstate Breeders Sale, Sioux City, Iowa, March 11th.

RICHLY-BRED DUROCS

Sale at Farm



STRATFORD, IOWA
FEBRUARY 22, 1946

45 TOP SPRING GILTS

A splendid offering sired by **VICTORY MODEL, BREEDER'S KING, LITTLE CHERRY, LO-DOWN LEADER, INVINCIBLE MODEL, FANCY WONDER, PROUD ROYAL FANCY, ORION PERFECTION** and other leading boars. Best in blood lines. They are bred to **REX ORION**, top boar of 1945 at $1,030. He was 1945 junior and reserve champion of Missouri, a son of King Orion, dam by Royal Fancy. A litter mate was second in class and half brother grand champion. Others bred to **VICTORY CHIEF** by Victory Orion Lad, 1944 Iowa grand champion. An offering that will please. If you want the best **COME**. Ask for **FREE** catalog. Please mention this publication

NORMAN D. ERICKSON, STRATFORD, IOWA

Auctioneers, C. O. Highland and H. Satre.

ZIMMERMAN'S

HAMPSHIRE SALE

In Sale Pavilion

HARLAN, IOWA, FEB. 26th

Forty outstanding gilts, the tops, sired by our herd boars, **CENTURY BOMBARDIER**, 1944 Nebraska senior champion and **SUGAR GROVE ROGER**, outstanding son of Golden Roller Conqueror. Also 14 outstanding fall tops. Most all bred to **LUCKY BROADFORM**, 1945 Iowa Junior champion, purchased at Iowa State show for $750, one of the best produced in 1945. Ask for FREE catalog. Please mention this publication.

R. J. ZIMMERMAN, HARLAN, IOWA

IF YOU'RE MOVING...

Tell us in advance so we can see that Wallaces' Farmer and Iowa Homestead gets to your new home promptly. Use this coupon to give us both your old and new address.

NAME _____
Moving from
TOWN _____
(OLD ADDRESS)
Rural Route _____
Moving to
TOWN _____
(NEW ADDRESS)
Rural Route _____

Ogden Public Library

RAMONA FARM

BERKSHIRE DISPERSION

OELWEIN, IOWA
THURSDAY, FEB. 28th

40 HEAD

20 Tried Sows—20 Gilts

A good offering mostly sired by **ACE HI PRIDE** by Typesetter Ideal, only boar of the breed to sire both grand and reserve champion boars at 1943 National. Also sire of 1945 Iowa Junior champion. Those not sired by **ACE HI PRIDE** will be bred to him. His gilts are bred to **ROSEANN'S BOREN EPOCH**, a top in the Roseann sale. Plan to **COME.** Ask for **FREE** catalog. Please mention this publication.

RAY HAYNES **OELWEIN, IOWA**

8th ANNUAL BRED

BERKSHIRE SOW SALE

Saturday, February 23rd

West Point Sales Pavilion

West Point, Nebraska

The SUPREME offering of them all.
40 Head of Gilts and Sows 40
35 head bred to the GREAT EPOCH'S CHAMP, the sire of champions. Write now for illustrated sales catalog.

J. P. and Jack Lannan
WHITE SPOT FARM
West Point, Nebraska

ABE SCHLORHOLTZ

BROWN SWISS DISPERSAL

WEDNESDAY, FEB. 27
CARROLL, IOWA

40 Registered Swiss
5 Bulls—35 Females

Cows with records up to 636 lbs. fat on 2X milking. Selling is the yearling herd sire, Judd's Bridge Don, son of "Colonel Harry" from an 852 lb. fat dam. Entire herd bred to this high record grandson of Jane of Vernon. Herd founded in 1915. Sale starts at 12 Noon and will be held in west sale pavilion, Carroll, Iowa. T. B. and Bang's tested. For Free Catalog of this great offering just write

V. B. VYE, Sale Mgr.
Box 2311 WAUKESHA, WIS.

HAMPSHIRE SALE

Judging Pavilion, Fair Grounds

Marshalltown, Iowa
FEBRUARY 27, 1946

50 HEAD

selected from a good herd rich in pedigree and pleasing in type. Bred to **PARAMOUNT**, one of the top yearling boars of the breed, **PURE GOLD**, top son of All-American, Golden Jubilee and **TODAY'S DEFENDER**, son of Farm Block. Breeding and quality that will satisfy. **COME.** Ask for **FREE** catalog. Please mention this publication.

RAYMOND DAGGETT, CONRAD, IA.
Auctioneer, Clair Mason

Hampshire Sale

Fair Grounds

SIBLEY, IOWA, FEBRUARY 23rd

42 HEAD from two good herds and all rich in breeding. Bred to **BIG TIME, GRAND NEWS FLASH, BROAD VICTORY, LAKEFIELD SPECIAL.** Make plans to attend. Ask for **FREE** catalog. Please mention this publication when writing.

HENRY SCRODER Melvin, Iowa — **GEO. F. RENTSCHLER** Lakefield, Minn.

HAMPSHIRE SALE

Clay County Fair Grounds

SPENCER, IOWA, FEBRUARY 20, 1946

50 HEAD BRED SOWS AND GILTS

The gilts are sired by Rolling Ahead 2nd, son of Rolling Ahead. Fall gilts are sired by Grand Victory Roller, son of Grand High Roller. This offering is bred to Great Day, top son of V-Day and Rolling Ahead 2nd.

ELMER ANDERSON **DICKENS, IOWA**

CANADIAN YORKSHIRES

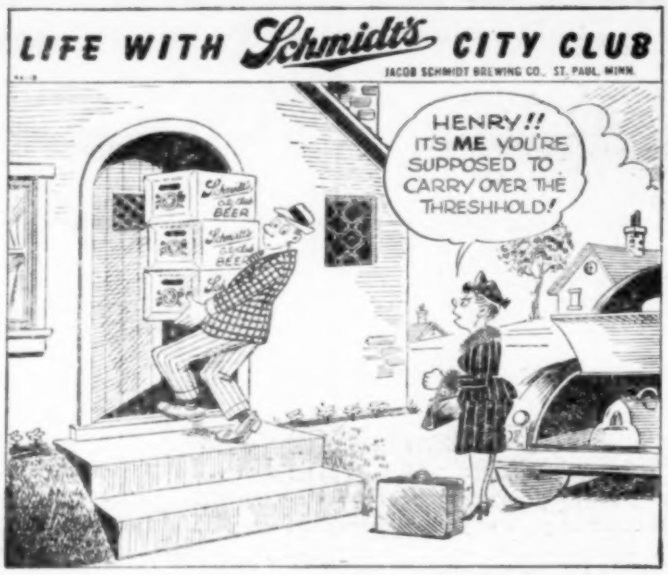
Sale Pavilion

SAC CITY, IOWA, FEB. 25th

Fifty sows, gilts and boars from leading Canadian herds. Ideal for cross-breeding, profitable to produce. Rich in pedigree. Come.

MERRITT B. COOK, Sale Mgr.
NEMAHA, IOWA

• We publish 1st and 3rd Saturday every month. Livestock copy must reach office 14 days before date of issue.



North Central Iowa
Shorthorn Breeders' Sale

In comfortable sale pavilion

Garner, Iowa, Sat., March 2d

50 Head

20 DESIRABLE BULLS
30 RICHLY BRED FEMALES

A desirable lot of cattle selected from herds in this section where good, dependable Shorthorn cattle are produced and include many good rugged bulls ready for immediate service and females you will like, a few with calves, bred cows and heifers and attractive open heifers.

The consignors are:

Matern Bros.	Wesley	Harold Rhodes	Spencer
Warren Dankel	Glidden	Fred Gugisberg	Renwick
Paul H. Aldinger	Ackley	A. T. Jones & Son	Everly
G. W. Zinnel	Rockwell City	F. A. Prignitz	Kanawha
Harold Overland	Callender	Ben G. Studer	Wesley
Herman Studer	Corwith	Carl A. Henkel	Mason City
W. J. Schmidt & Son	Floyd	P. A. Rasmussen & Son	Goldfield
Wm. Stanek	Fort Dodge	W. T. Johnson & Son	Latimer
R. W. Hagie	Clarion	Gerald Wetter	
Holm Bros.	Corwith	John Borcherding	Hampton

Some of the best sires are represented, which include Stanmore's Sensation, Mill Hill's Cumberland, Helfred Premier, Edellyn Glastullisch, Sni-A-Bar Comet, Milloray Sultan Clarion, Minstrel Bard, Rosewood Chieftain 2d, Brawith Pride, Rosewood Comet, Strowan Squalus, Sultan Comet, Kadel Cadet, Collynie Sir Augustus, Dreadnaught Budget, Sunray, and Collynie Regent. Breeding that will compare with the best.

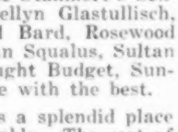
Those looking for desirable beef cattle will find this a splendid place to make profitable selections. The blood lines are reliable. The sort of cattle that will make good on Corn-belt farms. Make plans now to attend. Ask for *FREE* catalog mentioning this publication. Address

R. W. HAGIE, Sale Mgr., CLARION, IOWA
Auctioneer, J. E. Halsey

Milking Shorthorn Sale

28th Mason City Sale

In Sale Pavilion



MASON CITY, IOWA
SATURDAY, FEBRUARY 23, 1946

A choice lot of richly-bred cattle including fresh cows, heavy springers, bred cows and heifers, bulls ready for service and young bulls and heifers. The consignors are:

Orval Bach, Center Point, Ia.; Clarence J. Dietz, Porter, Minn. (dispersal); J. P. Krebs, Rolfe, Ia.; Walter Kruse, Sheldon, Ia.; Edwin A. Miller, Rock Valley, Ia.; Reuben Rustad, Northwood, Ia.; Frank A. Skluzacek, New Prague, Minn.; Joe Spaila, Ridgeway, Ia. (dispersal); Square Deal Farm, Cedar Rapids, Ia. (dispersal); Gerhard Tammen, Gilmore City, Ia.; Geo. Voss, Jr., Rockwell City, Ia.; A. C. Wiese, Manson, Ia.; Harper White, Maxwell, Ia.; Edgar Wolf, Sheldon, Ia.

An ideal place to make selections in cattle that will prove profitable. For FREE catalog write, mentioning this publication.

ROY A. COOK, INDEPENDENCE, IOWA
Auct., J. E. Halsey

Spotted Poland Sale

At Farm

GRAND JUNCTION, IA.
FEBRUARY 27, 1946

50 Choice gilts, well grown, sired by **HIGH HOPE, SILVER STREAK, FARMER'S PRIDE** and **SPOTLIGHT.** They are bred to **BROADTOP**, and **FLASHY BOY**, 1945 Iowa Junior Champion. Breeding and quality you will like. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

FRANTZ BROS.
GRAND JUNCTION **IOWA**

DUROC

Bred Sow Sale

FEBRUARY 23, 1946
SPENCER, IOWA
FAIRGROUNDS

40—CHOICE GILTS —40

Many outstanding Gilts with size and quality, medium type mated to top boars. Plan to come. Write for catalog.

Ray Hagedorn, Greenville, Iowa
Auct. Tom Feenstra

INFORMATION

MINN. STATE BERKSHIRE SALE

Berkshire gilts bred for their first litters
Show, 10 A. M.—Sale, 1 P. M.
SATURDAY, MARCH 2, 1946
Judging by H. G. Zavoral
Col. C. B. Drake, Auctioneer
Sponsored by Minn. Berkshire Ass'n
W. D. BLAKESLEE, Secy.
SPRING VALLEY **MINNESOTA**

AUCTIONEER

Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3869. Business 3-6181.

J. E. Halsey, Box 1317, Des Moines, Ia.

ATTEND

B'rkey's Brown Swiss Dispersal

Wednesday, Feb. 20, 1946, 12:00 Noon

55 HEAD — 25 Registered, 30 Grade. Production records to 712 lbs. fat 2X. Outstanding bulls, real cows and heifers. T.B., Bang's free. Write for catalog.

ALLEN BIRKEY, Owner **PEKIN, ILL.**
Roy Johnston, Auctioneer, Belton, Mo.
J. E. Rocke, Sale Manager, Cissna Park, Ill.

DOGS

Shomont Collies

Workers—Companions—Guards. Write for free
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

GENUINE ENGLISH SHEPHERD PUPS

(Heelers, no fooling.) (Year's trial.) Guaranteed.) Training instructions. Males, females, grown females specialty. (Several partly trained.)
EMIL RUNFT
Reinbeck - - - - - - Iowa

WANTED TO BUY

Good English Shepherd or Collie pups
Write Box 1, Wallaces' Farmer and Iowa Homestead

SHEPHERDS, COLLIES

Heelers, Watch Dogs
E. N. ZIMMERMAN
Flanagan **Illinois**

GENUINE ENGLISH SHEPHERD PUPS

Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

NOTICE

Runft is not advertising under a blind address for pups in Wallaces' Farmer.
EMIL RUNFT REINBECK, IOWA

WANTED

Pups and dogs, all breeds; both registered and unregistered. All pups and dogs must be true to the breed and must be healthy. Write, stating number; color; sex; training and price. Must be priced reasonable. Box , WALLACES' FARMER AND IOWA HOMESTEAD

TELL THE

ADVERTISER

that you are writing him through his advertisement in WALLACES' FARMER AND IOWA HOMESTEAD.

Interstate Shorthorn Breeders

SHOW March 4th — **SALE** March 5th

In comfortable Stock Yards Sale Pavilion

Sioux City, Iowa, March 4 & 5

110 HEAD — 55 Good Bulls, 55 Choice Females

This offering has been personally inspected and approved by Bert McCone, who says they are the best lot ever offered by this Association. Most all bulls ready for immediate service and a bull for every demand. The females include cows with calves, bred cows and heifers and attractive open heifers. Some of the best sires of the breed are represented. All rich in pedigree. The consignors are:

	Bulls	Females		Bulls	Females
Clausen Bros., Spencer, Ia.	4	4	Dr. S. A. Donahue, Sioux Falls, S. D.	2	2
Bruno Bochmann, Holstein, Ia.	5	5	Walter H. Stein, Esteline, S. D.	1	1
Holz Bros., Grand Jct., Ia.	2	2	R. A. Englehorn, Wagner, S. D.	1	1
John E. Greig, Estherville, Ia.	0	2	Harold Hanson, Lyons, S. D.	0	2
M. W. Smith, Paullina, Ia.	0	3	R. J. Egger, Roco, Nebr.	3	2
G. E. Held, Hinton, Ia.	2	2	Carl Retzlaff, Walton, Nebr.	2	2
H. Russell Held, Hinton, Ia.	2	1	Benton McCone, Botna, Ia.	5	3
Lloyd E. Crouch, Hinton, Ia.	2	1	A. J. McCone, Defiance, Ia.	3	3
S. F. Held & Sons, Hinton, Ia.	2	1	Metz Bros., Holstein, Ia.	2	2
Robert H. Hall, Cherokee, Ia.	1	2	Cornelius Conover, Holstein, Iowa	0	3
P. H. Warrick, Dickens, Ia.	1	3	Martin Luinstra, Rock Rapids, Iowa	1	1
Albert J. Hamann, Inwood, Ia.	2	3	Cliff Dubes, Aurelia, Ia.	2	0
N. J. Haupert, Granville, Ia.	2	0	Robert Gable, Hartley, Ia.	1	0
C. F. McKeegan, Doon, Ia.	0	2	Chester Mitchell, Pipestone, Minn.	1	0
Leo Haverkamp, Remsen, Ia.	0	2			
Wm. J. Staab, Remsen, Ia.	0	1			
Sumption Bros., Frederick, S. D.	5	1			

A grand lot of cattle, well grown, nicely conditioned. The large number affords a wide selection. You will find bulls suitable for the breeder, farmer or ranchman. Females that will make foundation cattle. Plan now to attend. Ask for FREE catalog. Please mention this publication.

F. E. JACKSON, Secy-Mgr., HURLEY, SOUTH DAKOTA

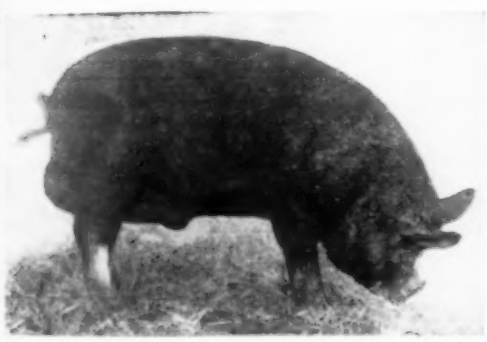
Auctioneers, J. E. Halsey and Harry Dewar. M. T. White, Fieldman.

CONOVER & SON'S

BERKSHIRE SALE

HOLSTEIN, IOWA

THURSDAY, FEBRUARY 21st



EPOCH CHAMP'S MASTERPIECE 511856, a son of Epoch's Champ, now in our herd.

Bonnie Acres and Shady Brook Bred Sow Sale. Opportunity knocks again for you Berkshire breeders. Why not buy a few bred sows from the herds that raised and bred the National champions year after year? Why do we say this? Because again in 1945 the Conover boars sired the major part of the grand champion car load lot of barrows over all breeds at the Chicago market fat stock show, raised and exhibited by the famous stockmen and feeders George E. Hoffman & Son of Ida Grove, Iowa. We are selling 50 head of spring and fall gilts, bred to Omaha 3d Again, Bonnie Acres Clipper 2d, Epoch Champ's Masterpiece, B a r None Model 2d and Palmer Bomber 5th. Our sows are, as usual, the long, thick, short legged, good heavy boned and hammed kind, bred to these great proven herd sires to make you a fine opportunity to select choice breeding stock on February 21, 1946. Sale at the Holstein Sale Pavilion, Holstein, Iowa. Write for our illustrated sale catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

C. E. Conover & Son **Holstein, Iowa, R. 2** **Alex Conover**

Col. Hugh McGuire, Auctioneer M. T. White, Fieldman for this paper.

IDEAL CHESTERS

THE BALANCER, highest priced aged boar of the breed in 20 years. A grand individual and a wonderful sire. He has sired many champions . . . his record is unequalled as a sire of any breed.

CLARION, IOWA

WEDNESDAY, FEB. 27th

40 Outstanding Gilts

One of the truly fine offerings of the year. Good, well-grown quality type gilts with real merit. Sired by **PORTAGE MODEL**, the $3,200 son of Portage Chief, Wisconsin Champion, **THE BALANCER, KING TIP TOP** and **STAR LAD**, 4 wonderful breeding boars. 12 extra choice gilts by **PORTAGE MODEL**, which includes what is reputedly the world's greatest gilt of the year. The offering will be mated to **PORTAGE MODEL, THE BALANCER, KING TIP TOP** and **CLARMONT MODEL**, a battery of boars without an equal. Secure the best here . . . they cost no more. Ask for **FREE** catalog. Please mention this publication.

Robert L. Naefke, Clarion, Iowa

Auctioneer, J. E. Halsey

SAFETY FIRST

Do your buying from firms advertising in WALLACES' FARMER and IOWA HOMESTEAD. If you do not find in WALLACES' FARMER and IOWA HOMESTEAD the articles you want to buy now, just let us know what you want and we will be glad to give you names of reliable firms from whom you can make the purchase.

THE NATION'S TOP ANGUS EVENT!

4th Annual National Aberdeen-Angus

SHOW

All cattle shown on Wednesday, February 27th

SALE

Cattle sold February 28th and March 1st

$5,000 IN CASH PRIZES

All cattle shown will be sold

International sale pavilion

Chicago, Ill., Feb. 27-28, March 1

250 HEAD

60 TOP QUALITY BULLS — 190 WONDERFUL FEMALES

For the premier ANGUS event of 1946 . . . the top production of 100 of the leading herds of the United States and Canada will be represented in the 1946 NATIONAL ANGUS SALE offering. All cattle have been carefully selected and represent the best in individuality, blood lines and popular families which were nominated for the NATIONAL.

Top herd and show bull prospects for the most critical buyer will be presented. The female offering will be outstanding. As foundation material, or valuable additions to present herds, these top young females make the NATIONAL the logical place to buy the best of the ANGUS crop.

All cattle offered are under 3 years of age and have their producing life ahead of them. All cattle were bred, or calved the property of the consignors. Make your plans now to attend this criterion sale of the ANGUS breed. Write now for FREE catalog. Please mention this publication. Address

W. H. TOMHAVE, Secretary, 7 Dexter Park Ave., CHICAGO 9, ILLINOIS

American Aberdeen-Angus Breeders Assn.

J. E. Halsey, Fieldman

PUDENZ'S SENSATIONAL

DUROC OFFERING

45 Head, 400 and 450 lb. Gilts

CARROLL, IOWA

WEDNESDAY, FEBRUARY 27th

Nobody will sell a better offering of Duroc Jersey gilts than I am selling in this sale. In all the years I have been breeding Durocs I have never sold a better lot of sows than I am selling in this sale. The breeding is all right and the individuals in my sale are not to be surpassed by anybody's offering. These are sired by BIG ORION and VICTOR PRINCE. These will mostly be bred to BIG ORION, the best boar I have ever owned, and you will all want a Big Orion litter for the coming year. It is one of the most sensational offerings I have ever catalogued for a public sale. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. If you cannot come send your bids to M. T. White, representing this paper in my care. Address

JOE PUDENZ, CARROLL, IOWA

Col. McMurray, Auctioneer

L. R. McCLARNON & SONS' SALE

STRICTLY UP-TO-DATE

POLAND CHINAS

40 BRED SOWS — 25 FALL PIGS

BRADDYVILLE, IOWA

FEBRUARY, 28, 1946

Your last chance of the season to buy bred sows. A top offering of spring and fall gilts running from 350 to 600 lbs. Heavy-hammed, low-bodied, wide-backed and worlds of quality. Bred to Wide Out, Manchu and Superfine. 25 fall pigs, the pick of the crop, sired by Manchu, Wide Out and Double Low Down. We have never had a better offering or bred to three better boars. By all means plan now to attend this sale and write at once for the free catalog. Kindly mention this paper when writing. Send your buying orders to M. T. White who will attend the sale. We guarantee his selections.

L. R. McCLARNON & SONS, BRADDYVILLE, IOWA

H. S. Duncan, Auctioneer M. T. White, Fieldman

LOW COST FINANCING

ON Tractors, Corn Pickers, Automobiles, Pickups
ON Combines, Hay Balers, Trucks, Other Items

Payments can be arranged to meet Your Farm Income

Write, Wire or Phone

STERN FINANCE COMPANY
736 Des Moines Bldg., Des Moines, Iowa
Telephone 3-8131

Livestock For Sale

SPRING BOARS. Berkshires, Hampshires and Poland Chinas of good type and breeding.

DAIRY BULLS. Ayrshire, Brown Swiss, Guernsey, Holstein, and Jersey bull calves from two to ten months of age.

HORSES. Two three-year-old stallions, one chestnut Belgian and one black Percheron. Write

ANIMAL HUSBANDRY DEPARTMENT
IOWA STATE COLLEGE AMES, IOWA

AUCTIONEERS

BE AN AUCTIONEER

A pleasant, profitable occupation. Send for FREE catalog and how to receive Home Study Course.
FRED REPPERT SCHOOL OF AUCTIONEERING
Box 8, DECATUR, INDIANA

LEARN AUCTIONEERING

America's leading Auctioneers teach you. Students sell actual sales during term. Our graduates are successful. Earn large income. Term soon. FREE catalog.
REISCH AUCTION SCHOOL, Mason City, Iowa

AUCTIONEER

Specializing in purebred livestock and farm auctions.
AL BOSS CARROLL, IOWA
Phone 513

ABERDEEN ANGUS

ABERDEEN ANGUS FOR SALE

We have three BULLS, two serviceable age. One BLACK CAP, two ELBA ERICAS, Bandolier and Earl Marshall Breeding. We are offering Tops.
FRED DREHER & CO., GRAY, IOWA
PAUL DREHER, Mgr., Route No. 1

HEREFORDS

HEREFORD DISPERSAL

Fifty Registered Herefords—complete dispersal. 22 cows 3 to 6 yrs., 10 heifers 12 to 18 mos., 10 heifers 6 to 8 mos., 1 bull 4 yrs., 1 bull 17 months, 6 bulls 6 mos. to year. Write for price list.
FRED GARLING, TECUMSEH, MICHIGAN

CHOICE HEREFORD FEMALES

20 excellent heifers of **Star Domino** and **Dandy Domino 11th** breeding. Also 12 mature females. Bred to grandson of Hazford Rupert 81st. Priced to sell.
H. A. LYNN GRUNDY CENTER, IOWA

CHOICE HEREFORD BULLS

We are proud to offer fine herd bulls of serviceable age from our new WHR TRIUMPH DOMINO 79th. Best of type and blood lines. Reasonable. Come to see them.
G. G. AMOS & SON INDIANOLA, IOWA

POLLED HEREFORDS

POLLED HEREFORDS

Registered Polled Hereford yearling bulls with lots of quality. Also a few open heifers.
AXEL JOHNSON MANSON, IOWA

SHORTHORNS

1880 Dual-Purpose Shorthorns 1946

Bates bred, extra choice bulls rich in pedigree with good production from a long-established herd. Priced to sell.
J. RUSSELL CURRIER MASON CITY, IOWA

MILKING SHORTHORNS

MAKE MORE FARM PROFITS!
RAISE MILKING SHORTHORNS
—4% MILK and GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best profit breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the FREE facts. Or read Milking Shorthorn Journal. Trial subscription 6 months, 50c; 1 year, $1.00.
MILKING SHORTHORN SOCIETY
809 West Exchange Ave. U. S. Yards, Dept. WF-51
Chicago 9, Illinois

Milking Shorthorns Wanted

Consign your cattle now for the Show and Sale at the Iowa-Nebraska Sale Yards, Wednesday, March 27th, Council Bluffs, Iowa. Bulls, from baby calves to serviceable ages. Heifer calves, open and bred heifers and fresh or springer cows and heifers are in demand and will sell well. Address

H. C. McKELVIE, Sale Mgr.,
Box 188, Council Bluffs, Iowa

MILKING SHORTHORNS

Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families, with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural heelers.

PEERLESS & BELL VERNON HERD
Decorah, Iowa

POLLED SHORTHORNS

POLLED SHORTHORN SALE

I am consigning two outstanding bulls to the South Omaha POLLED SHORTHORN SALE. These are the best I have ever sold there. One red and one roan. Have won their classes in four of the best southwestern Iowa shows. Look these bulls up when you come to the show.
GEO. H. WHITE, MALVERN, IA.

POLLED SHORTHORNS

POLLED SHORTHORNS

Choice bulls 8 to 14 months old by **CRIMSON SENSATION** and a few desirable females bred to **CLEARVIEW GOLDSPUR.** Priced to sell. Phone through Blencoe, Iowa. Address
PHILIP JOHNSTON & SONS, ONAWA, IOWA

Polled Shorthorn Bulls

Sired by **Dales Crown** and **Shadybrook Knight.** Farm on paved highway No. 169. 30 miles north of state line.
BERT A. HANSON, VERNON CENTER, MINN.

POLLED SHORTHORNS

Bulls sired by CORONET ROYALIST. Farm one mile west of **Dunlap, Iowa,** on No. 37 Highway.
A. L. DUNHAM & SON DUNLAP, IOWA

RED POLLS

RED POLL CATTLE

Outstanding serviceable bulls. Two yearling heifers. Good type and breeding. Accredited. 46 years constructive breeding. Reasonable.
J. H. AULTFATHER & SON, AUSTIN, MINN.

AYRSHIRES

For Most 4% Milk

Ayrshires are big, economical producers of 4% premium milk

Write for literature and list of breeders near you with stock for sale
Ayrshire Breeders' Association
47 Center St., Brandon, Vt.

RAISE AYRSHIRES

BROWN SWISS

Brown Swiss Heifer Calves

Five choice high-grade month old Brown Swiss heifer calves $35 per calf, delivered on approval.
H. R. LOBDELL
BOX 326 MUKWONAGO, WIS.

DAIRY CATTLE

WISCONSIN DAIRY CATTLE

Holsteins, Guernseys and Brown Swiss. Fresh cows, heavy springers, heifers and calves. Nebraska's largest shipper of dairy cattle.
PAUL W. ROLFSMEIER, SEWARD, NEBRASKA

BULL AND HEIFER CALVES

Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

GOLDEN SUNSET BULLS

BREEDING, BUTTER and BEAUTY—you get all three in a Golden Sunset Bull and at a price you can afford. Send for free list.
ENNIS STOCK AND DAIRY FARM
FESTUS, MISSOURI

GUERNSEYS

Raise a GUERNSEY BULL To Raise Your INCOME

To get top income over cost of feed, select one of 50,000 registered Guernsey bulls out of a good or better cow and travel the road to more profitable dairying. Write for FREE Booklet.
THE AMERICAN GUERNSEY CATTLE CLUB
298 Grove Street, Peterborough, New Hampshire

GUERNSEY BULLS

Serviceable age, excellent type. **LANGWATER** and **GREEN MEADOW CORONATION KING** breeding, out of Advance Registry cows. Farmers' prices. **T.B.** and **Bangs** accredited. COME. Farm 1 mile north.
NOOK-DALE GUERNSEY FARM, CLIVE, IA.

GUERNSEY BULL CALVES

Three Guernsey bull calves for sale, from registered dams producing over 5% butterfat and sired by Cathedral Rilma's Victorious, a grandson of Sir John Rilma and Rockingham Prince Hollistar A. R.
MISS C. LORRAINE BRUCE, CHEROKEE, IA.

OAKLAND GUERNSEY FARM
MUKWONAGO, WISCONSIN

Offers 5 to 30 Guernsey heifer calves, month old, at $30 each delivered on approval. Also 15 choice heifers, price $2,250. Some fresh, others soon; balance will freshen in 60 to 90 days.

HOLSTEINS

HOLD ALL WORLD'S RECORDS!

All U. S. records for butter fat production in the various ages and classes are held by Holsteins, and they also hold all milk records. The natural size and stamina of the Holstein cow has much to do with record breaking showing.

FREE ILLUSTRATED HOLSTEIN JUDGING MANUAL. WRITE

HOLSTEIN-FRIESIAN ASS'N OF AMERICA • Brattleboro, Vermont Bx.3075

Shomont's Holstein Bulls

Bred for type and production. Priced reasonable.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

WISCONSIN HOLSTEINS

Choice month old heifer calves without papers, laid down at your station, $31.50 each, the right kind.
CLAYTON CHANDLER
Route 2 Lake Geneva, Wisconsin

High Grade Holstein Heifers

Offering choice month old heifers, in lots of 5 to 20, at $32.00 each delivered.
H. R. LOBDELL, Mukwonago, Wis.

HILANE HOLSTEIN BULLS

Choice bulls by **DUNLOGGIN X OLIVER,** a grandson of Woodmaster. DAMS officially Classified H.I.R. records to over 600 lbs. fat mature 2X. Reasonable.
JOHN CREGER, Mgr. WAUKEE, IOWA

When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

FEED BOLSON'S FEEDS

The L.C. BOLSON Co.
A NAME YOU CAN TRUST IN FEEDS!
DECORAH, IOWA.

JERSEYS

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs.
J. J. NEWLIN
Polk County Johnston, Iowa

BERKSHIRES

Berkshire Herd Must Go

On account of moving am dispersing entire herd at private sale. 20 outstanding bred sows and gilts of Bomber and Boren Epoch bloodlines. Bred for February, March and April litters to grandson of War Admiral and a massive son of War Cloud's Eagle. 20 fall pigs all championship prospects. If you like them thick, low down and good heads, act at once. Must sell everything within the next two weeks.
Robert Frahn Wayne, Nebr.

WHITE ACRE FARM

Purebred BERKSHIRE bred gilts to farrow March and 1st of April. Daughters sired by Calara Advance Quality 3d and Calara Grand Grenadier and bred to Lynwood Ideal Control.
WILBUR VAN DERKAMP. SULLY, IOWA

REGISTERED BERKSHIRES

Gilts bred for April farrow. Also fall and winter pigs $50, unrelated pairs. **Independent Lad** and **Bar None** blood lines. Immune. Write or visit.
FRED M. LUTTRELL R. 2, PARIS, MO.

CHESTER WHITES

CHESTER WHITE GILTS

Outstanding selected Bred Gilts. Top Individuals representing and sired by boars, some of the best bloodlines in the breed. They are smooth, well grown, and the type in demand today. Bred to First Prize 528323; Typesetter's Model 531141; and Victory Model, for March and April farrow. Two herds to select from. Pedigreed. Immuned. Reasonably priced. Write, phone, or visit. You will like these gilts.
F. H. SCHMADEKE & SONS
CLARKSVILLE, IOWA

CHESTER WHITE GILTS

Thirty-five good big thick Gilts bred for March and April farrow sired by a son of Performance Lad and White Roller and bred to Stylish Type, Ideal Model 1st and Portage Lad. Cholera Immune. Priced to sell. Write or come and see them.
R. G. SCHETTLER. BREDA, IOWA

DUROC JERSEYS

DUROC GILTS

P. B. Duroc Gilts backed by the best blood and feeding quality of the breed. 9 raised per litter. Proud Cherry King, Royal Fancy, Great Orion and other blood mated to a good son of Iowa's Champion, Low Set, for March and April. Weight around 400 lbs.
E. T. GARTON MARATHON, IOWA

DUROC GILTS—FALL BOARS

Bred gilts by **Pathfinder Blazer,** and Thickset Lad. The last of **Pathfinder Blazer's** get mated to Thickset Lad, and Low Type Master. Guaranteed. Reasonable.
CHARLES DAHLKE SCRANTON, IOWA

Duroc Gilts--Fall Boars

Choice Registered Duroc gilts bred to a great son of "Spotlight," 1945 Minnesota Grand Champion. March and April farrow. Sired by son of $3,000 Tops, Orion Hi Hope and others. Vaccinated.
EARL DRUMMY, RYAN, IOWA
¾ mile south, 3 miles east

75—GOOD DUROC GILTS—75

These gilts are thick, medium type. Bred for March and early April. Bred to Roamaster **No. 173419,** Profit Maker **No. 196103** and Pathmaker **No. 231891.** All three from Iowa Falls Breeders Assn. Come and see them. Reasonably priced.
SAM ROBERTS & SONS JEFFERSON, IOWA

REGISTERED DUROC GILTS

Bred for March and April farrow to a great son of Low Set, 1945 Iowa Grand Champion. Wt. around 375 lbs. Also Sept. 1st open gilts, dandies. All vac.
VINCENT DRUMMY RYAN, IOWA

HAMPSHIRES

REGISTERED HAMPSHIRES

Bred sows and gilts March and April farrow by **GRANDIOSE** and **GLORY BOUND ACE,** son of All American Glory Bound. Bred to sensational son of **V. DAY.** Also top fall boars and open gilts.
ALBERT J. LARSON & SON, AYRSHIRE, IOWA

SPOTTED POLAND CHINAS

Spotted Polands

25 Registered Bred Sows for March litters to Victory Model, a top son of Silver Chips. Your choice for $100.00, at the farm.

M. A. HALL
VINTON IOWA

SPOTTED POLAND GILTS

Choice lot of purebred Spotted Poland Gilts bred to Feeder's Type by Feeder's Kind for March farrow. Farm located 4 miles north and 2 miles west of Gowrie. Reasonable.
HANSON BROS. GOWRIE, IOWA

Spotted Poland China Sows

Good sows bred to good boars for March and April farrow. Eligible to register. Farm location, 2 north, 3½ west of Alta, 3 east of Aurelia.
FORREST HULTGREN ALTA, IOWA

SPOTTED POLAND GILTS

Bred sows and gilts mated to TOP MODEL, son of 1945 grand champion Silver King 2d and AMERICAN WAY. Also fall boars and gilts. Reasonable.
EARL CONNELL, BROOKLYN, IOWA

REGIONAL SHORTHORN SHOW AND SALE

University Livestock Pavilion
St. Paul, Minn., March 11

42 HEAD—30 FEMALES, 12 BULLS
Show, 10:00 A. M.; Sale, 1:00 P. M.
Chas. Garden, Judge

Choice cattle selected from best herds, rich in pedigree, pleasing in quality. Several good cows with calves, bred cows and heifers, a few open heifers. Good bulls ready for service, including 3 tried sires. All T.B. and Bangs tested. Plan to attend. Ask for FREE catalog now. Please mention this publication. Address

NORMAN T. FINDAHL, Sale Mgr.
Waterville, Minn.
Auctioneers, J. E. Halsey and Carlson.
Headquarters—St. Francis Hotel, St. Paul

MARSHALL COUNTY SHORTHORN SALE

In Comfortable Livestock Pavilion

SHOW: 9:00 A. M.
SALE: 12:30 NOON
Judge, Joe Duea

Marshalltown, Ia., March 18th

75 HEAD—25 BULLS, 50 FEMALES

One of the best offerings we have ever sold. A few cows with calves, bred cows and heifers and a desirable lot of open heifers. A splendid lot of bulls many ready for service, others 12 to 14 months old, a few tried and proven sires. Choice breeding and quality. Our motto: "More good ones and fewer plain ones." Plan to come. Details in next issue. Ask now for FREE catalog. Please mention this publication. Address

J. H. PACKER, Sale Mgr.
R. F. D. 4 Marshalltown, Iowa

SPOTTED POLAND SALE

Fair grounds
SPENCER, IOWA, FEB. 22d

Choice gilts by **Feeder's Wide Back,** a son of Feeder's Quality, **Silver Flash** and Royal Commander. Bred to **Perfect Hope,** Right Designer. A few fall boars by **Right Designer.** Ask for FREE catalog.
JOE HOLLAND, OCHEYEDAN, IOWA

SPOTTED POLAND CHINAS

SPOTTED POLAND SOWS

A grand lot bred sows and gilts by THE INVADER and others. Bred to TOP HAW'S Reflection, PARAMOUNT SUPREME and PEDRAS ROYAL HIGH. Good breeding.
WM. O. NOTZ & SON, CRESTON, IOWA

REGISTERED SPOTTED POLANDS

Fall and spring gilts bred for March, April and May farrow to Silver Tone, Silver ... & ... Chief, dam by Silver Chip. Some bred to ... Clipper. Low-down, big type ... $150.00 each. Fall boars, $70.00 ...
PETER WITT KEYSTONE, IOWA

TAMWORTHS

PUREBRED TAMWORTHS

I am now offering some outstanding bred gilts of the finest breeding bred for ... boars. Also have several fall boars. All are registered or eligible.
J. H. JONES AINSWORTH, IOWA

YORKSHIRES

YORKSHIRE BOARS

Spring breeding. Get them now.
WM. ZAHS RIVERSIDE, IOWA

SHEEP

SHROPSHIRE EWES

Limited number of choice Shropshire ewes ... for 4-H Club or foundation stock. ... and priced reasonable.
PAUL FREDERICK ORIENT, IOWA

Registered Corriedale Sheep

75 Rams, 150 Registered Bred Ewes, 800 ... registered Ewes. Puppies—Collies, ... Airedales, Rat Terriers, Spitz. ... Guaranteed. Office Stone's Wool House.
THOS. STONE CHARITON, IOWA

HORSES

BELGIAN FILLIES

Two coming 4-year-old Farceur ... State fair winners. One sorrel yearling ... and tall. Reasonable.
LEO J. FOX DAVID CITY, NEBR.

ONE DOLLAR PRIZE

Readers are invited to contribute farm items of interest for the department, "It Happened in Iowa." One dollar each will be paid for items used. If you want photographs or drawings returned, enclose stamps. Otherwise, no contributions will be returned.

A good many hundred contributions are received and only a small number can be used. Don't be too disappointed, therefore, if your contribution does not appear. We are oversupplied with items about deformed farm animals, odd-shaped eggs, vegetables, etc.

Up-to-Date News Of Coming Livestock Sales

ABERDEEN ANGUS

Feb. 27-28, Mar. 1—National Show and Sale, Chicago, Ill.
Mar. 11—Interstate Breeders Assn., Sioux City, Ia.; P. K. Pratt, Mgr., Walnut, Iowa.
Mar. 12-13—Iowa State Show and Sale, Des Moines, Iowa; Herb Cline, Secy., Bussey, Iowa.
Mar. 26—Bar H Farms, Columbus Junction, Iowa, and Goose Creek Farms, Muscatine, Iowa.
Mar. 27—Otto G. Nobis, Davenport, Iowa.
Mar. 28—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Mar. 29—F. M. Bradley & Son, Avon, Ill.
Apr. 5—Peoria County Assn., Peoria, Ill.; R. K. Carter, Secy., Elmwood, Ill.
Apr. 12-13—Central Illinois Breeders, Congerville, Ill.; Simon E. Lantz, Mgr.
Apr. 15—Ralph L. Smith, Lees Summit, Mo.
Apr. 16—Penney & James, Hamilton, Mo.
Apr. 17—North-Central Missouri Breeders, Chillicothe, Mo.; Lewis Anderson, Secy.
Apr. 29—Marion County Breeders, Knoxville, Ia.; Herb Cline, Secy., Bussey, Iowa.
May 4—Minnesota State Sale, Slayton, Minn.; Clement C. Chase, Secy., Pipestone, Minn.
May 9—Southeast Iowa Breeders, Mt. Pleasant, Iowa; Dan Cash, Mgr.
May 10—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dirks, Secy.
May 20—Tall-Corn Assn., Marshalltown, Iowa; C. G. Mason, Secy.
May 29—Hoelscher Bros., Arcadia, Iowa; sale at Carroll, Iowa.
June 3—M. J. Tudor, Olin, Iowa.
June 11—Wayland A. Hopley, Atlantic, Iowa.
June 12—South-Central Iowa Breeders, Oskaloosa, Iowa; Clyde A. Hanna, Secy., New Sharon, Iowa.

HEREFORDS

Feb. 26—F. C. Morris, Winterset, Iowa.
Mar. 25—Iowa Hereford Cattle Breeders Assn. Sale at Sioux City, Iowa; F. W. Ketelsen, Mgr., Everly, Iowa.
Mar. 29—Marion County Assn., Knoxville, Iowa; Lawrence Goff, Secy.
Apr. 26—Northeast Missouri Breeders, Memphis, Mo.; G. E. Leslie, Jr., Secy.
Apr. 27—North-Central Missouri Assn., Trenton, Mo.; J. E. Stewart, Secy., Newtown, Mo.
Apr. 30—North Iowa Association, Mason City, Iowa; Leigh R. Curran, Mgr.
May 27—John Wisdom, Bloomfield, Iowa.
May 28—Clarke County Breeders, Osceola, Iowa; Wayne O. Burchett, Mgr., Grand River, Iowa.

POLLED HEREFORDS

Feb. 21—N. W. Iowa Polled Hereford Assn. Sale, at Le Mars, Iowa; Ed Krise, Secy. and Mgr., Rock Rapids, Iowa.
Mar. 7—F. P. Westcott, Denison, Iowa.
Apr. 18—Southwest Iowa Polled Hereford Breeders, Oskaloosa, Iowa; Roy Van Heukelom, Secy., New Sharon, Iowa.
Apr. 30—North Iowa Association, Mason City, Iowa; Leigh R. Curran, Mgr.

SHORTHORNS

Feb. 20—Annual Spring Show and Sale, South Omaha, Neb.; Merv. Aegerter, Mgr., Seward, Neb.
Mar. 2—North-Central Iowa Breeders, Garner, Iowa; R. W. Hagie, Mgr., Clarion, Iowa.
Mar. 4-5—Interstate Shorthorn Breeders Assn. sale, at Sioux City, Iowa; F. E. Jackson, Secy., Hurley, S. D.
Mar. 11—Minnesota State Sale, at University State Farm, St. Paul, Minn.; N. T. Tindahl, Mgr., Waterville, Minn.
Mar. 18—Marshall County Breeders, Marshalltown, Iowa; J. H. Packer, Mgr.
Mar. 22—Shorthorn Breeders Sale, Abingdon, Ill.; Ed Longley, Sale Mgr.
Mar. 29-30—Iowa State Show and Sale, Des Moines, Iowa; Chas. Garden, Mgr., Route 6.
Apr. 1—Southwest Iowa Breeders, Red Oak, Iowa; M. D. Lomax, Secy.
Apr. 20—Northeast Missouri Breeders, Wayland, Mo.; Leslie Young, Mgr.
May 7—Sioux Empire Breeders, Sioux Falls, S. D.
May 27—South-Central Iowa Breeders, Knoxville, Iowa; J. M. Davis, Secy., Knoxville, Iowa.
June 3—Edellyn Farm, Wilson, Ill.
June 7—Minnesota State Sale, Mankato, Minn.; N. T. Tindahl, Mgr., Waterville, Minn.

POLLED SHORTHORNS

Feb. 21—Annual Spring Show and Sale, South Omaha, Neb.; Merv. Aegerter, Mgr., Seward, Neb.
Mar. 23—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr.
[illegible] 6—Iowa State Sale, Cedar Rapids, Iowa; [illegible] S. Girton, Mgr., Box 202, Marshalltown, Ia.
[illegible] 8—Minnesota State Sale, Slayton, Minn.; [illegible] H. Bassett, Mgr., Rushmore, Minn.

MILKING SHORTHORNS

Feb. 25—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.
Mar. 27—Iowa-Nebraska Show and Consignment Sale, Council Bluffs, Iowa; H. C. McKelvie, Sale Mgr.
[illegible] 18—Breeders Sale, Sioux City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.
[illegible] 18—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.

DAIRY CATTLE

[illegible] 26—Dispersion Sale, Holsteins and Guernseys; Ed E. Lorenzen, Moneta, Iowa.
[illegible] 19—Iowa State Sale, Holsteins, Waterloo, Iowa.

COMMERCIAL CATTLE

[illegible] 21—Herefords, Angus, Shorthorns; Perry, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.

BERKSHIRES

[illegible]—Illinois State Sale, Normal, Ill.; L. A. [illegible], Secy., Congerville, Ill.
[illegible]—C. E. Conover & Son, Holstein, Iowa.
[illegible]—Guy F. Jordan, Emerson, Iowa; sale at Red Oak, Iowa.
[illegible]—Ray Haines, Oelwein, Iowa.

CHESTER WHITES

[illegible]—A. H. Stuart, Newhall, Iowa.
[illegible]—Fred Mutschler, Geneva, Iowa.
[illegible]—Warren Conner, Glidden, Iowa.
[illegible]—Clarence Smith, Jr., Primghar, Iowa.
[illegible]—R. A. Riemenschneider, Kingsley, Iowa.
[illegible]—Robert L. Naefke, Clarion, Iowa.

DUROC JERSEYS

[illegible]—W. H. Helmke & Sons, Renwick, Iowa.
[illegible]—Iowa Falls Duroc Breeders Assn., Iowa Falls, Iowa.
[illegible]—Warrick Bros., Monroe, Iowa.
[illegible]—Norman D. Erickson, Stratford, Iowa.
[illegible]—Roy Hagedorn, Greenville, Iowa.
[illegible]—Knotek Bros., Riverside, Iowa, and Harold [illegible], Muscatine, Iowa.
[illegible]—Joe Pulenz, Carroll, Iowa.

HAMPSHIRES

[illegible]—Danielson Bros., Nevada, Iowa.
[illegible]—Adolph Mielke, Hartford, S. D., and [illegible], Alexandria, S. D.; sale at Sioux Falls, S. D.
[illegible]—Arlen Brown, Merrill, Iowa.
[illegible]—George Lippold, Jr., Avoca, Iowa.
[illegible]—Ronald Zimmerman, Harlan, Iowa.
[illegible]—Morris Miner, Dexter, Minn.
[illegible]—Raymond Daggett, Conrad, Iowa; sale at Marshalltown, Iowa.
[illegible] 2—Field & Christiansen, Nora Springs, Iowa.

POLAND CHINAS

[illegible] 28—L. R. McClarnon & Sons, Braddyville, Iowa.

SPOTTED POLAND CHINAS

[illegible] 16—Tom Vint, Spencer, Iowa.
[illegible] 19—Miles M. and Max Mann, Woodbine, Iowa.
[illegible] 22—Jack Zimmerman, Earling, Iowa.
[illegible] 26—Emil Dreher, Audubon, Iowa.
[illegible] 27—Frantz Bros., Grand Junction, Iowa.

YORKSHIRES

[illegible] 25—Merritt B. Cook, Sale Mgr., Nemaha, Iowa; sale at Sac City, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska, Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

SEEMS AS THOUGH there is always something to give the farmer more gray hair. In the past few years there were labor shortages, machinery shortages, market gluts, price uncertainties, etc., but one of the toughest pills to take was the loss of any place to market stock ready to go. When an argument is confined to the parties concerned, it's not so bad. But when innocent parties get hurt as a result, it makes me mad. The wave of strikes has hurt the entire nation, and, regardless of who wins, our whole system will be upset for some time.

DID YOU EVER stop to realize that farmers are one of the few groups who have no retirement system? That's right, but some day social security may be available. At any rate, the National Planning Ass'n, concerned because only city folks have the benefits of federal pensions, disability insurance and the like, has issued a report on retirement for farmers. Such a plan would remove the dread some have that old age would see them going "over the hill and on to the poor-house."

YOU CAN'T TEACH an old dog new tricks is a common catch-phrase, but it's not quite as applicable nowadays as it may have been years ago. There are new and better ways of doing things, including farming, and some of the old-timers are not only picking up ideas but successfully putting them into practice. Probably the best way for a farmer to succeed is to select a man in the community who is doing an outstanding job and sort of practice some of the same principles he follows.

FOR MANY YEARS we've been boosters for the ground feed plan for hogs because we believe it pays to mix home-grown feeds, proteins and minerals together in a proper balance. Many of our customers feel this same way. In Story county, Iowa, among others, Sherman Larson, Marion Peterson, Raymond Hovick, George and Floyd Christian, Turalt Severeid, Allis Wicks and the Hill Bros. follow this plan. The Walnut Grove representative in that territory is John Berrett, of Ames.

SPRING LAMBS, now arriving on many farms, mean sleepless nights for farmers who later in the year will be boasting of low mortality for the number born. Without proper attention, many weak lambs never nurse. These cold nights and the raw wind make survival tough even if the lambs get fair protection. Generally it's the number of lambs saved, which might otherwise have died at birth, that'll spell the difference between profit and loss.

SAVE THE BACON will fast become the watchword for farmers who raise those February and early March pigs. Figures show that three out of every ten pigs farrowed alive are lost, due largely to chilling or to crushing as the pigs crowd near the sow for warmth. A young pig lost may not seem so important, but, remember, each pig farrowed dead represents 140 pounds of feed lost, too.

LIVESTOCK MEN in Black Hawk county, Iowa, have for years been happy and consistent users of our minerals for all livestock. In this territory, we list among other users customers like Ernest Jepson, P. A. Lund, Roland and Chas. Dewey, brothers on two different farms, and the Black Hawk County Farm, where our hog, cattle and sheep mineral are all fed. For the past nine years, George Hilton has handled this business for us.

EVERY YEAR about now folks begin to get over-anxious about spring coming. Community events are planned a little reluctantly lest farmers might be in the field in a month. Weather forecasters predict this or that will happen if something else doesn't interfere. Old-timers are studying the almanac, and are sure they know when the first flight of ducks will head north. But for me, I'm going to keep my sheepskin on for just a little whole longer.

THERE'LL BE NO cut-backs in production this year if farmers meet established goals. Biggest increase in national goal is for corn, probably because of last fall. Feed supplies will have to be managed carefully right up to next fall's harvest if trouble is to be avoided.

AS WE PLAN post-war economy we must bear in mind the importance of feeding the nation well. Under-consumption of food is one of the first indications of a coming depression. So it's good to see agriculture making the first real move for improving the national diet, because an era of abundance will do much to assure a more balanced way of living for everyone.

WE ARE ALWAYS proud to mention in these columns some farm families who use our minerals in their livestock programs. For example, in Bremer county, Iowa, three brothers, Will, Albert and August Follske, and three brothers-in-law, Richard Jaschen, Ben Webber and Fred Moeller, are consistent Walnut Grove users. Other long-time customers there are Ed Zelle and Chas. Koenke. This business has been handled by Arch Purviance, who has served the community for 16 years.

FOLKS WHO KNOW say nearly a million and a half more farms will have the conveniences electricity can bring within three years. Use of electricity makes the farmer's job that much easier; it increases the output from his property, and permits the whole family to live in greater comfort. Those who have R-E-A now can't understand how they got along for so many years without it. Furthermore, no group is more deserving to have it.

MOST OF US agree that the farm is a good place to live, yet few realize it frequently presents hazards not found in city life. It's alarming to note 27% of all accidental deaths occur on farms, and the toll is increasing rather than going down. Here in Iowa, farm accident fatalities increased 63% last year. Machinery accidents caused the greatest number, with those involving animals next in line. Many of us learn caution from experience, but often it's learned too late.

ONE OF THE FINEST things about Walnut Grove Minerals is the way it can be fed economically in any feeding program. We have customers who self-feed it, others force-feed it, some mix it with other feeds, while many grind and balance the entire ration. In Hancock county, Iowa, many names of long standing are on our lists, such as Haiton and Holmes, Herman Dahlman, Frank and Wm. Potts, Wm. Weiland, Ostercamp Bros. and Wendell Johnson. Our agent, Thos. Cossgriff, has handled this business for over 10 years.

UP IN CANADA the federation of agriculture is asking for a relaxation on shipments of cattle to this country, to relieve market gluts caused by heavy wartime production. Canadians see subsequent losses to producers as a result of price declines. Apparently, Great Britain can't handle the Canadian supply which she contracted for in 1943, after which exports to the U. S. were discontinued.

SOME FARMERS and farm organizations have indicated they have a good heifer or draft mare they'd like to give for overseas relief. This is one way to help re-stock depleted herds, and the gifts will be gladly accepted by the United Nations' Relief Administration. Midwest farmers already have given many such gifts.

WE'RE PLEASED to note the growing interest in soil conservation over the nation, because the future wealth of the country will depend a lot on how well we protect this basic resource. The erosion problem is being attacked in more than 1,200 legally organized soil districts. Certainly, this soil is too valuable for us to mistreat it. It reacts to proper care and handling, just like a good horse responds to proper attention and use.

SOLD ONLY BY DEPENDABLE REPRESENTATIVES
Walnut Grove Minerals
Home Office ATLANTIC—IOWA

Livestock News

The Iowa Hereford Association show and sale, at Cedar Rapids, Iowa, January 28-29, brought out a large crowd of cattle men from a wide territory. J. C. Holbert, secretary, and his board of directors, deserve much credit for the businesslike manner in which they handled every detail. The awards were made in a capable manner by Albert Mitchell, Albert, N. M., and Sam Marting, Washington Court House, Ohio. The grand champion bull, Don Mischief 3d, owned by F. Max Schomberg, Letts, Iowa, sold for $1,500 to Albert Mitchell. The reserve champion was American Domino 65th, owned by Joseph Meeker, Letts, Iowa, and went at $1,025 to Bowers Holt, Walsh, Colo. The top of the sale was Super Anxiety 1st, a son of Super Anxiety 31st, owned by John Wisdom, Bloomfield, Iowa, and sold for $8,750 to Ferrell Herefords, Windsor, Ill. The futurity champion, Triumph Letston, owned by Letts & Turkington, Letts, Iowa, was the favorite of many and sold for $2,350 to Oscar Sevig & Son, Walford, Iowa. Blocky Mischief 7th, owned by L. F. Koep & Son, Belle Plaine, Iowa, sold for $1,425 to Chauncey Meyer, Bellevue, Iowa. M. C. Royal Mischief 9th, from Maplecrest Ranch, Wellman, Iowa, sold for $1,000 to Vern P. Wright, Mount Pleasant, Iowa. The champion female, Carrie Domino 2d, owned by L. F. Koep & Son, sold for $1,050 to Patterson Cattle Co., Bismarck, N. D. The reserve champion, M. C. Wistful, unfortunately, was withdrawn from the sale. Jewelare Letston 3d, owned by Letts & Turkington, was reserve champion futurity heifer, and topped the females at $2,050, going to Bea-Mar Farm, Washington Court House, Ohio. Princess Stanway 1st sold for $1,600 to Bea-Mar Farm. The champion futurity heifer, Mabelle Axtel 2d, from McMahon Bros., Graf, Iowa, a daughter of Iowa Domino 18th, sold for $1,400 to The Meadows, Texarkana, Ark. Juliet Stanway 2d and Juliet Stanway 3d, twin heifers owned by Mervin Zeller, Packwood, Iowa, sold for $1,100 each to J. A. Hablit, Atlanta, Ill. The 10 top bulls averaged $1,922 each; 10 top females, $1,210 each. The 127 females in the sale averaged $380, with 196 bulls at $378, and the 323 lots sold for $122,410, a general average of $379. Cattle went to buyers in 11 states, namely, Iowa, Wisconsin, Illinois, Minnesota, South Dakota, North Dakota, Ohio, Arkansas, Colorado, Oklahoma and New Mexico. Auctioneers, A. W. Thompson and J. E. Halsey divided the selling.

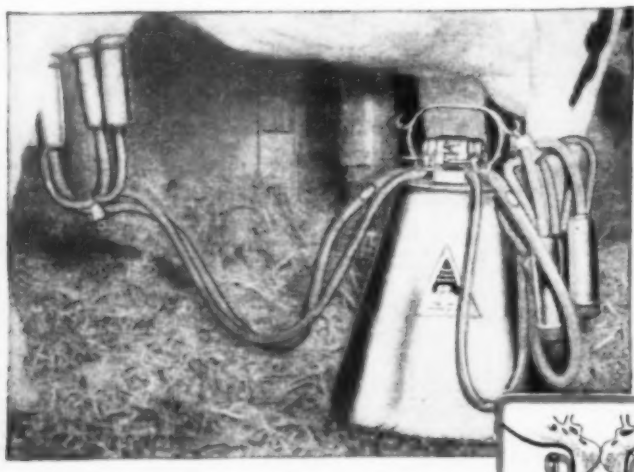
The Tri-State Shorthorn Breeders sale, at Sibley, Iowa, on January 22, brought out a large crowd, and they made one of the best sales that they have ever held, and it was a very satisfactory sale from start to finish. They had a very choice lot of cattle, both in bulls and females. The grand champion bull was Hillbrook Fame, from the John E. Greig herd, and he went to P. P. Jenkinson, Sheldon, Iowa, at $485. The top bull in the sale was Browndale Mercury, consigned by Clyde Palmer. He is a son of Mr. Palmer's great breeding bull, Edellyn Clipper Mercury, and went to H. A. Sindt, Rock Rapids, Iowa, at $500. The top female in the sale was Supreme Beauty 22d, from the Dr. S. A. Donahoe herd, and she went to Dr. L. L. Dunn, Dell Rapids, S. D., at $800. She was the grand champion female in the sale, and a grand, good individual, and she was certainly worth what she brought. The 40 females in the sale made an average of $258; the 25 bulls averaged $262, with an average for the 65 head of $258. Roger W. Walker & Son sold 10 head in the sale, and these averaged $245. Col. J. E. Halsey was the auctioneer in charge of the sale. Martin Luinstra was the secretary and manager.

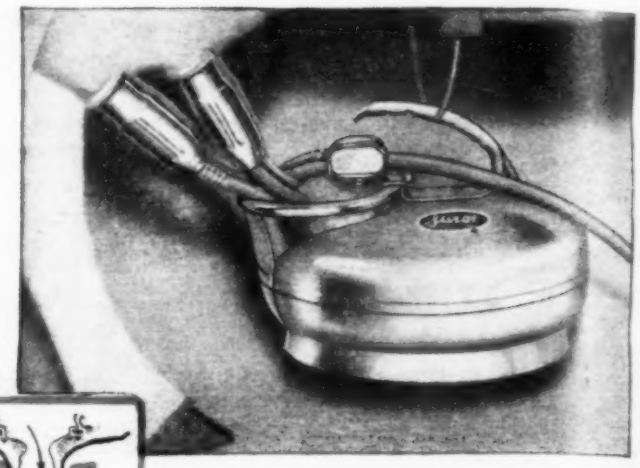
The Chester White sale held by Robert Naefke, of Clarion, Iowa, February 1, brought out a good attendance of hog men. The top was Lot 1, a daughter of Portage Model, bred to The Balancer, and sold for $300 to Harold Gee, Cottonwood, Minn. Lot 11, by Star Lad and bred to Portage Model, sold for $265 to Dale Danneman, Center Junction, Iowa. Lot 13, by Star Lad and bred to Portage Model, sold for $275 to Clarence Smith, Jr., Primghar, Iowa. The 40 head averaged $175.50. Auctioneer, J. E. Halsey. Remember the second sale, February 27, at the Naefke farm.

The sale of fall Chester Whites made by Robert Lanigan, Fairbank, Iowa, was one of the best sales of the year. His top boar was Lot 1, which was considered one of the greatest boars produced in 1945, and sold for $175 to Brunsway Farm, DeWitt, Iowa. Lot 20 sold for $325 to Carl Steinfeldt, Eldora, Iowa. Lot 2 went to Andersen & Geffers, Grand Mound, Iowa, at $260. The boars averaged $130 and the gilts $111 each, with the 55 head making an average of $120.

The first Iowa State Chester White sale, at Cedar Rapids, Iowa, January 30, brought out a good attendance. The top of the sale was Lot 38, from the Albert Stuart herd, and sold for $250 to C. T. Keen & Son, Legrand, Iowa. The Robert Naefke gilt, bred to Portage Model, sold for $240. Lot 39, from the Dale Danneman herd, sold for $225. Lot 24, from the C. T. Keen & Son's herd, went at $225 to Brunsway Farm, DeWitt, Iowa. The 23 lots averaged $121.50. Auctioneer J. E. Halsey.

What Kind of Milker will be worth MOST in 1956?

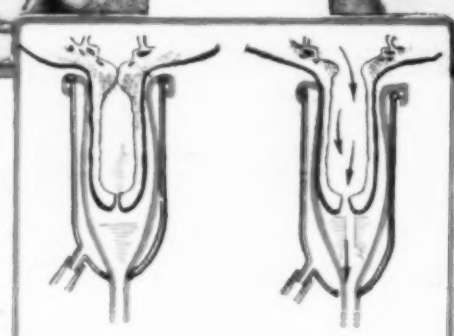




1 Will it be one such as this that needs some help from you to keep the teat cups from crawling and shutting off the flow?

2 Will it be one such as this that needs some help from you to get the cows milked dry?

3 Will it be one that has a claw and long milk tubes to be cleaned twice a day every day?



When teat cups crawl proper milking stops.

The Surge holds teat cups down so milk flow continues.

4 Will it be one such as this that automatically holds the teat cups down where they belong?

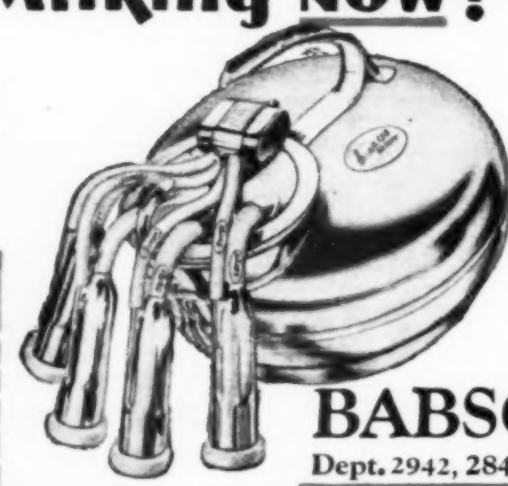
5 One that can easily be adjusted to milk your cows dry with no help from you?

6 Isn't it likely to be one that has no long milk tubes and no claw so that the milk travels only four inches from teat to pail?

Surge...the machine that gives your cows the kind of milking today that other machines may be able to give them some day.

Why not give your cows and your milk check the full benefit of Money Making Milking NOW?

Your-Surge Service Dealer Makes Your-Surge Milker Worth More Money



Almost any machine you can buy will last you at least ten years. During each one of those ten years it will have a big effect on the size of your milk check.

Mail This Coupon!

BABSON BROS. CO., Dept. 2942
2843 West 19th Street, Chicago 23, Illinois

Please send me, without charge or obligation, the full facts about *Money Making Milking.*

Name _____

Town _____

R.F.D. _____ *State* _____

BABSON BROS. CO.

Dept. 2942, 2843 W. 19th Street, Chicago 23, Illinois

SYRACUSE • MINNEAPOLIS KANSAS CITY • HOUSTON
LOS ANGELES • SEATTLE • TORONTO